

**Supplementary data for:**

**RNA-seq based transcriptomic analysis of single bacterial cells**

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**Suppl. Fig. S1: Estimation of total RNA from a single *Synechocystis* cell.** Total RNA was isolated from  $10^7$  cells from 0, 24 and 72 h after nitrogen starvation treatments, respectively. Cell number was determined by directly counting under microscopes.

**Suppl. Fig. S2: cDNA bioanalyzer results.** Samples 1-3, represents 3 single cell amplified cDNAs derived from cell-1, 2 and 3 (24 h), respectively, sample 4-6 represents cell-4, 5 and 6 (72 h), respectively, with RNA ladder as the control.

**Suppl. Fig. S3: Expression level variation among single cells based on BaSiC RNA-seq results.**

**I)** Variation verse expression level: **A)** 24 h and **B)** 72 h. X-axis represents gene expression level which is median measurement of three single cells, while Y-axis represents variation which is standard deviation divided by the median measurement of three single cells.

**II)** Variation verse expression level with expression levels lower than 500 considered as background noises and excluded from the plots: **C)** 24 h and **D)** 72 h.

**Suppl. Fig. S4: BaSiC RNA-seq results of selected genes, *sll0495* and *slr1684*.**

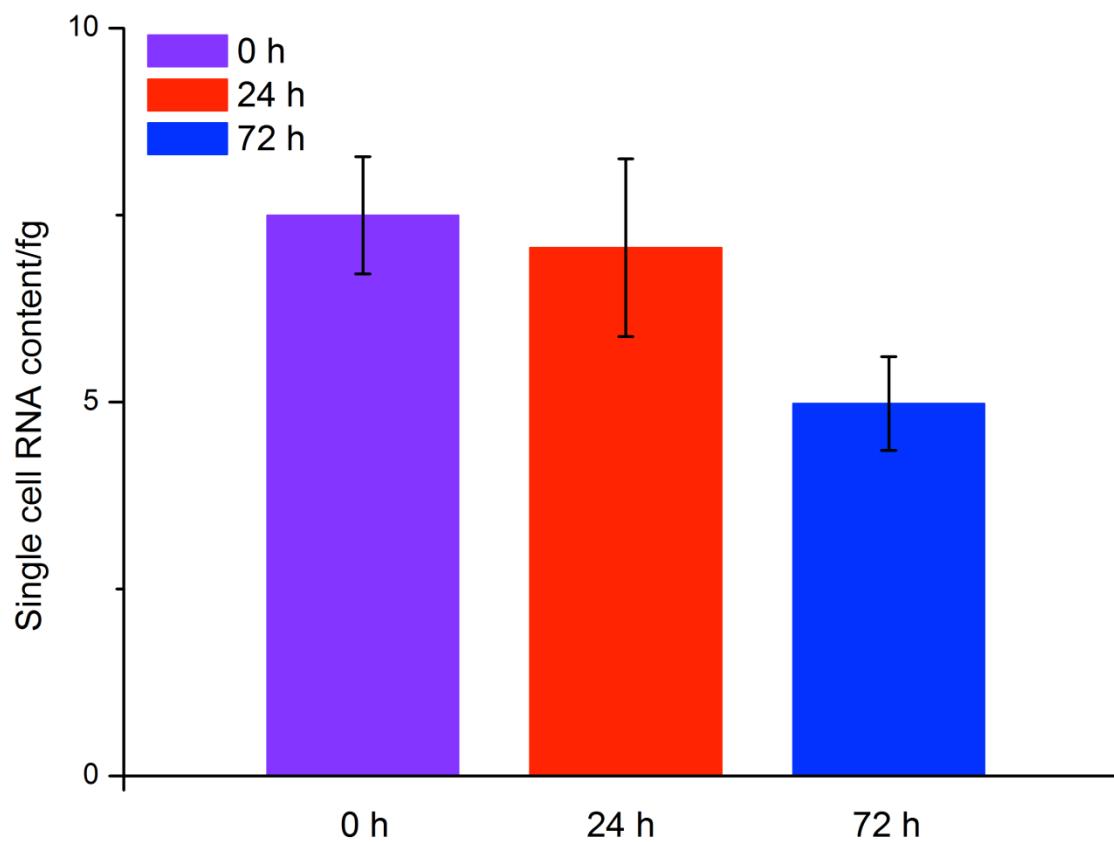
Cell-1, 2, 3 and cell-4, 5, 6 were derived from nitrogen starvation 24 and 72 h, respectively. Each number behind cell number represents its RPKM reads.

**Suppl. Table S1: RNA-seq quality control, including reads, Q scores.**

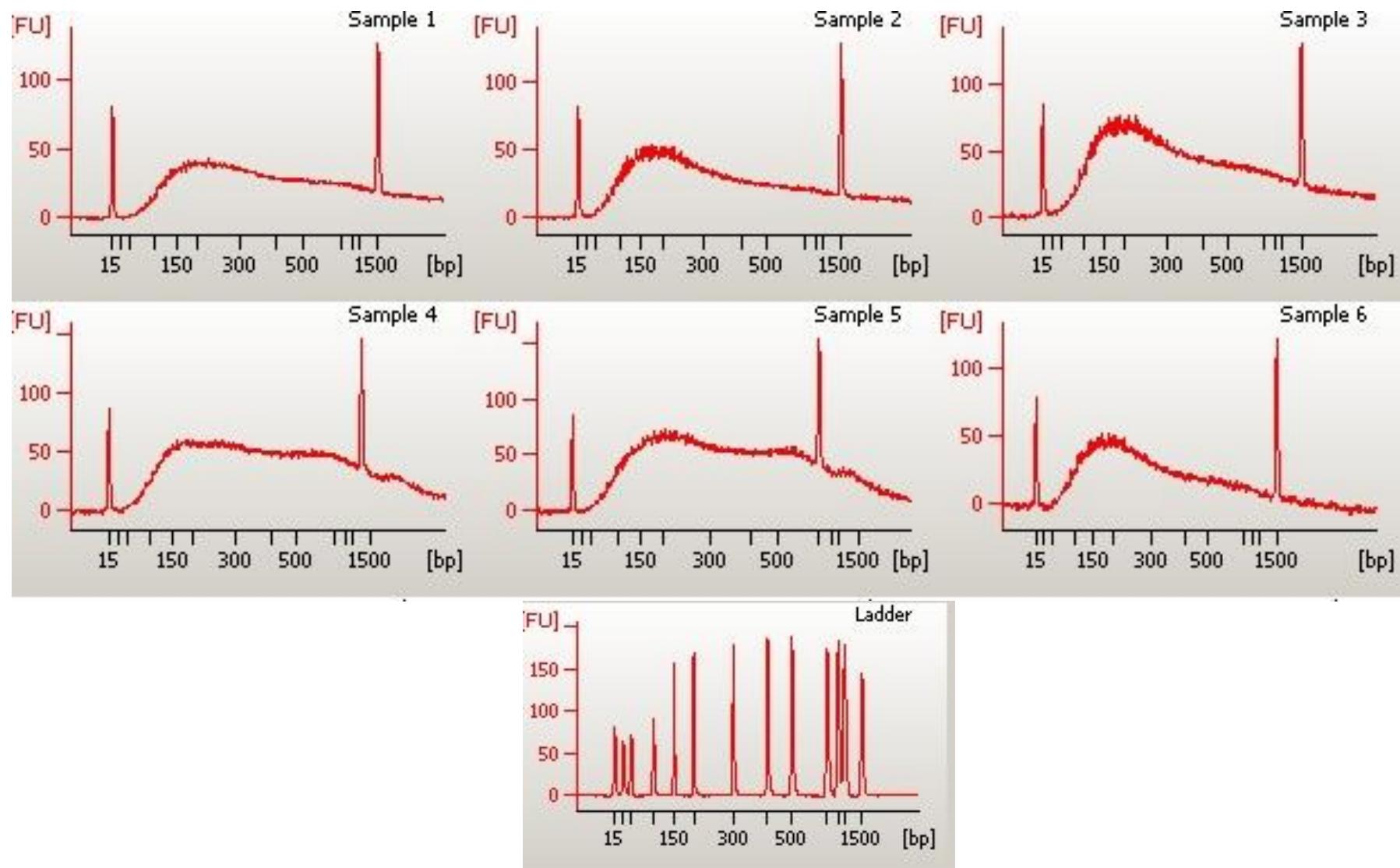
**Suppl. Table S2: Functional categories Spearman's correlation analysis,**  
including all functional categories. The numbers indicated the cell-to-cell correlation  
cofactor and p-values based on single cell BaSiC RNA-seq based on 424 genes  
detected in all single cells.

**Suppl. Table S3: RPKM values of all transcripts detected in the samples.**

**Suppl. Fig. 1**



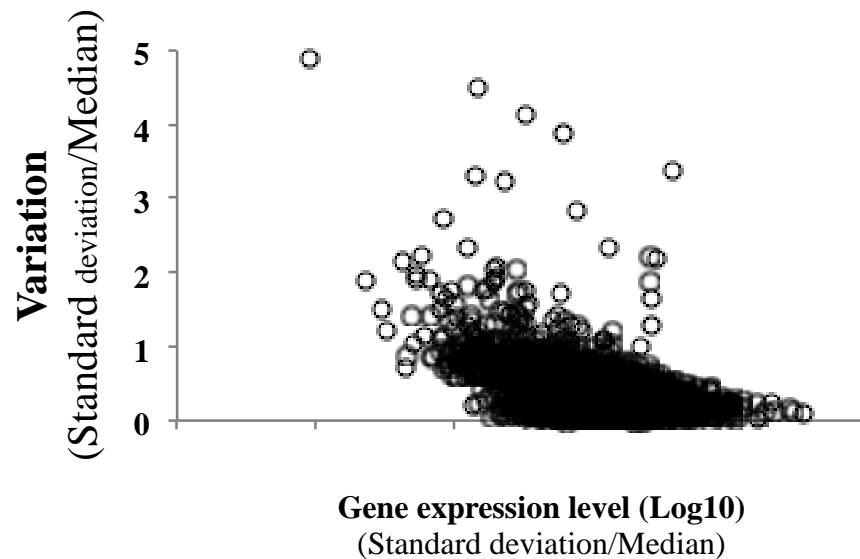
**Suppl. Fig. 2**



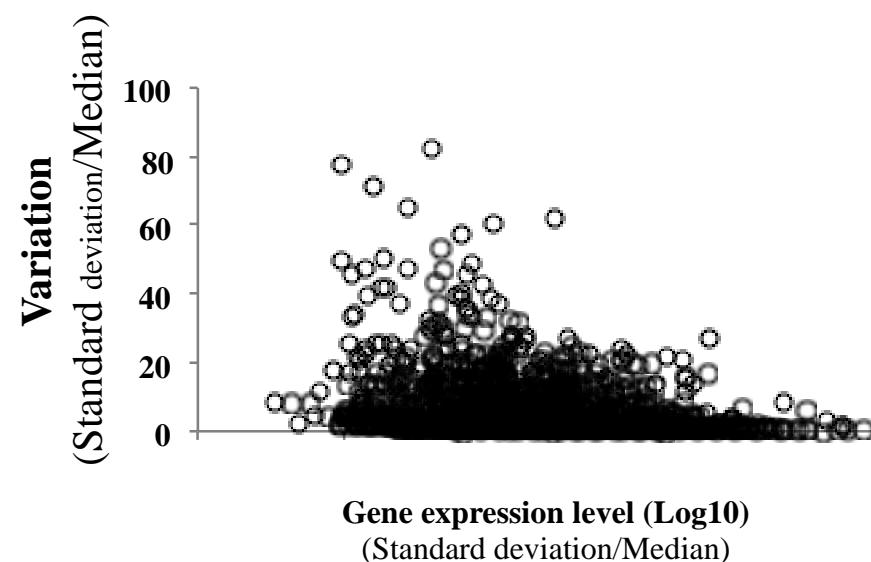
**Suppl. Fig. 3**

**I)**

**A)**

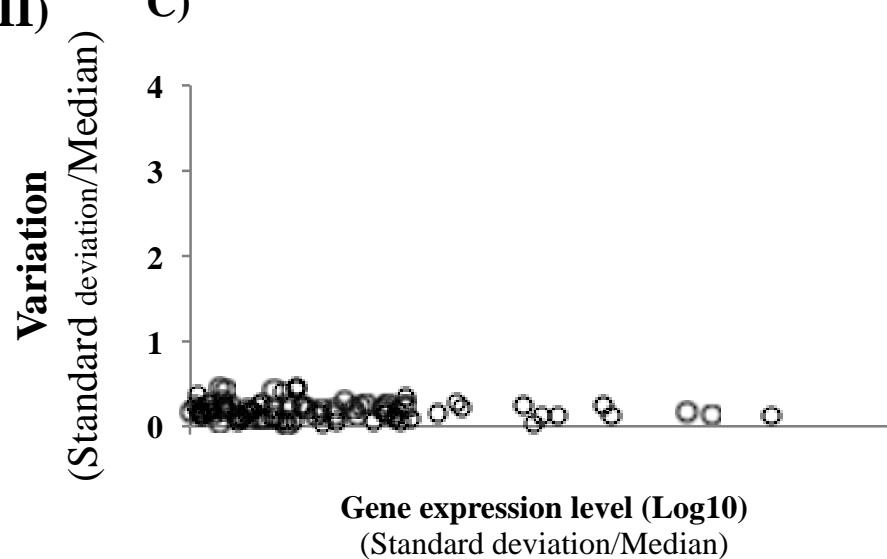


**B)**

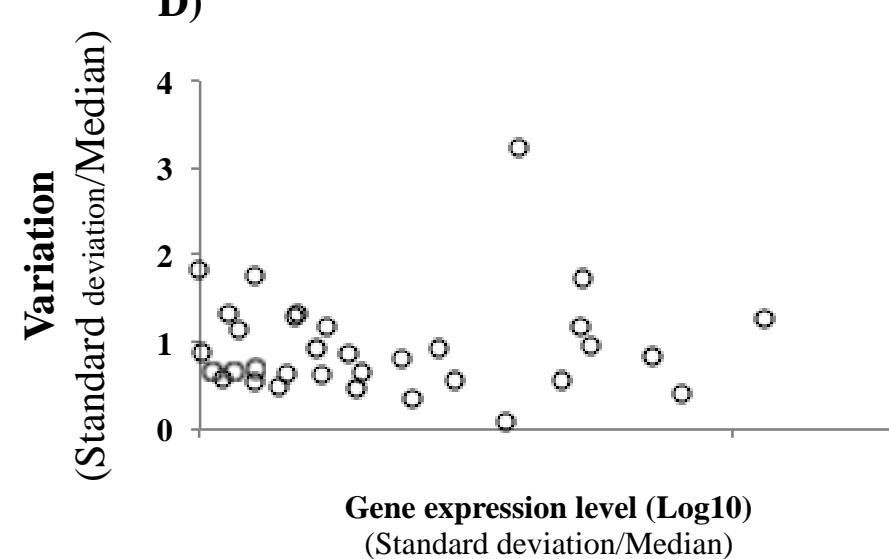


**II)**

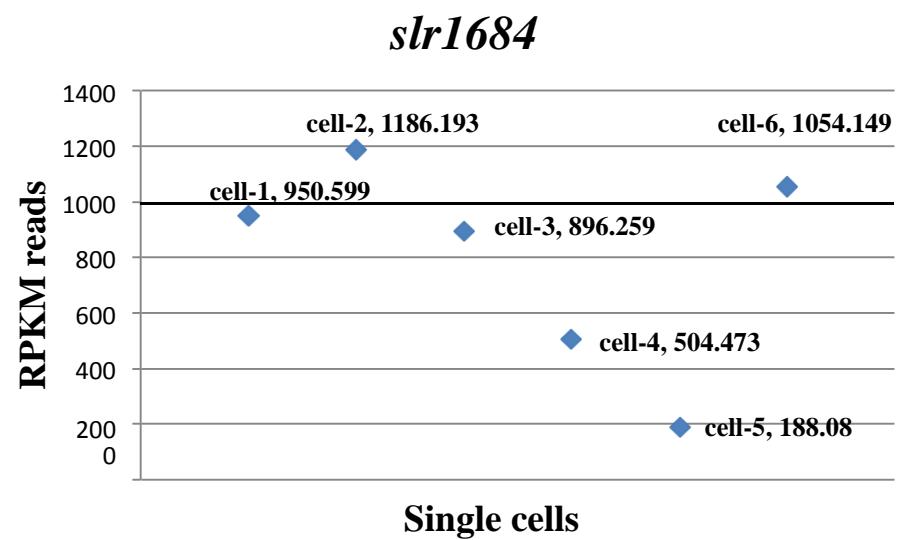
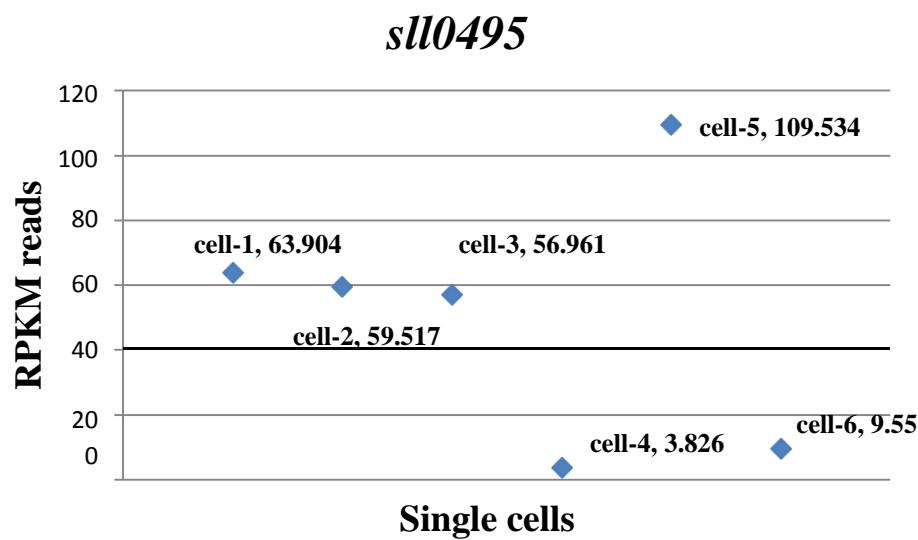
**C)**



**D)**



Suppl. Fig. 4



**Supple. Table S1. RNA-seq quality control, including sequencing lanes, labeling index, yield, number of reads and Q scorces.**

Lane	Sample ID	Index	Yield (Mbases)	# reads	% of Q scores >= 30	Mean Q score
3	cell4	AAGGGGA	967	18953867	98.22	38.71
3	cell5	CCTTCA	3156	61875959	98.17	38.67
3	cell6	GGACCC	734	14396597	98.08	38.66
3	72h bulk	TTCAGC	905	17742532	98.25	38.71
4	cell4	AAGGGGA	1003	19665406	98.41	38.77
4	cell5	CCTTCA	3283	64368987	98.36	38.74
4	cell6	GGACCC	764	14983287	98.28	38.72
4	72h bulk	TTCAGC	938	184013338	98.45	38.77
6	0h bulk	TTCAGC	332	6511384	99.03	39.04
6	cell1	AAGACG	344	67362	99.05	39.06
6	cell2	CCTCGG	497	9754203	99.22	39.15
6	cell3	GGATGT	624	12226804	99.12	39.07
6	24h bulk	TTCGCT	639	12521199	99.14	39.08
7	0h bulk	TTCAGC	336	6579811	98.31	38.8
7	cell1	AAGACG	347	6798140	98.33	38.82
7	cell2	CCTCGG	503	9855965	98.49	38.91
7	cell3	GGATGT	631	12378355	98.39	38.83
7	24h bulk	TTCGCT	646	12674327	98.41	38.83

**Suppl. Table S2: Functional categories Spearman's correlation analysis based on single cell BaSiC RNA-seq based on 426 genes detected in all single cells, including all function categories. The numbers indicated the correlation cofactor and *p*-values.**

Function category	Gene #	cell1 vs. cell2	cell-1 vs. cell3	cell2 vs. cell3	cell4 vs. cell5	cell4 vs. cell6	cell5 vs. cell6
		<b>1.0000</b>	0.80000	0.80000	0.40000	0.00000	0.70000
Amino acid biosynthesis	5	<0.0001	0.1041	0.1041	0.5046	1.0000	0.1881
Biosynthesis of cofactors, prosthetic groups, and carriers	6	<b>1.00000</b> <b>0.96364</b>	<b>0.94286</b> <b>0.93636</b>	<b>0.94286</b> <b>0.86364</b>	-0.48571	0.25714	-0.37143
Cell envelope	11	<0.0001 0.89286	<0.0001 1.00000	0.0008 0.89286	0.2345 -0.14286	0.7092 -0.39286	0.6893 -0.35714
Cellular processes	7	<b>0.0068</b> <b>0.94286</b>	<0.0001 0.48571	<b>0.0068</b> 0.60000	0.7599 0.02857	0.3833 0.31423	0.4316 0.25714
Central intermediary metabolism	6	<b>0.0048</b> 0.98333	0.3287 <b>0.81667</b>	0.2080 <b>0.80000</b>	0.9572 0.25000	0.5441 -0.45000	0.6228 -0.10000
DNA metabolism	9	<0.0001 0.97177	<b>0.0072</b> 0.85997	<b>0.0096</b> 0.78543	0.5165 0.14737	0.2242 -0.04912	0.7980 0.12705
Energy metabolism	22	<0.0001 0.96177	<0.0001 0.80678	<0.0001 0.78501	0.5128 <b>0.15555</b>	0.8281 <b>0.14660</b>	0.5732 <b>0.16694</b>
Hypothetical protein	180	<0.0001	<0.0001	<0.0001	<b>0.0371</b>	<b>0.0496</b>	<b>0.0251</b>
Mobile and extrachromosomal element functions	28	<b>0.99110</b> 1.00000	<b>0.82781</b> 0.80952	<b>0.84422</b> <b>0.80952</b>	<b>0.76225</b> -0.45238	<b>0.73910</b> 0.52381	<b>0.81409</b> 0.26190
No Data	8	<0.0001 0.96503	<b>0.0149</b> <b>0.75524</b>	<b>0.0149</b> <b>0.74126</b>	0.2604 -0.32867	0.1827 0.31469	0.5309 0.10490
Protein fate	12	<0.0001 1.00000	<b>0.0045</b> <b>0.90000</b>	<b>0.0058</b> <b>0.90000</b>	0.2969 0.60000	0.3191 0.70000	0.7456 <b>0.30000</b>
Protein synthesis	5	<0.0001	<b>0.0374</b>	<b>0.0374</b>	0.2848	0.1881	<b>0.0374</b>
Purines, pyrimidines, nucleosides, and nucleotides	6	0.94286 0.0048 0.99221	0.82857 0.0416 0.82338	0.94286 0.0048 0.79870	0.42857 0.3965 0.31558	-0.02857 0.9572 0.04286	0.14286 0.7872 0.37792
Regulatory functions	21	<0.0001 0.80000	<0.0001 0.80000	<0.0001 1.00000	0.1635 0.40000	0.8537 0.40000	0.0912 -0.40000
Transcription	4	<b>0.2000</b> 0.85714	<b>0.2000</b> 0.83929	<0.0001 0.84643	0.6000 0.07500	0.6000 <b>0.52500</b>	0.6000 <b>0.51786</b>
Transport and binding proteins	15	<0.0001 0.98462	<0.0001 0.86422	<0.0001 0.87277	0.7905 <b>0.34960</b>	<b>0.0445</b> 0.15321	<b>0.0480</b> <b>0.48038</b>
Unclassified	79	<0.0001	<0.0001	<0.0001	<b>0.0016</b>	0.1776	<0.0001

Suppl. Table S3: RPKM values of all transcripts detected in the samples.

Gene ID	Bulk - o h	Bulk - 24 h	Bulk - 72 h	Single cell - 1 - 24 h	Single cell - 2 - 24 h	Single cell - 3 - 24 h	Single cell - 4 - 72 h	Single cell - 5 - 72 h	Single cell - 6 - 72 h	Main-role
sll1883	21.564	16.76	0	20.567	9.915	32.805	0	0	0	Amino acid biosynthesis
sll0549	35.179	10.382	9.098	26.397	32.756	0	0	0	0	Amino acid biosynthesis
sll0006	37.882	62.374	0	41.119	24.598	0	195.154	5.98	0	Amino acid biosynthesis
sll1027	40.571	28.442	0	45.038	36.454	55.669	0	1.193	8.932	Amino acid biosynthesis
sll0032	41.914	57.511	10.079	38.203	38.557	67.54	0	3.86	0	Amino acid biosynthesis
sll1867	46.905	40.34	26.512	45.353	39.772	19.739	5.813	0	0	Amino acid biosynthesis
sll0480	47.536	51.133	0	55.609	52.094	16.68	0	0	0	Amino acid biosynthesis
sll0480	47.536	51.133	0	55.609	52.094	16.68	0	0	0	Amino acid biosynthesis
sll1665	48.619	75.421	11.015	71.863	57.009	24.604	0	0	0	Amino acid biosynthesis
sll0444	48.845	31.426	6.885	40.758	38.729	0	0	239.893	0	Amino acid biosynthesis
sll2088	49.47	39.61	133.883	53.306	62.485	44.303	0	0	0	Amino acid biosynthesis
sll0902	50.246	45.562	0	44.528	53.905	44.589	0	0	0	Amino acid biosynthesis
sll1172	51.7	27.569	0	40.247	34.43	17.987	15.89	1.542	0	Amino acid biosynthesis
sll1908	54.226	50.734	5.557	43.804	36.264	37.238	208.34	4.256	15.934	Amino acid biosynthesis
sll1931	54.939	65.788	7.206	62.12	61.619	16.096	0	0	0	Amino acid biosynthesis
sll0461	56.12	75.242	7.326	50.866	23.079	32.727	0	1.403	115.528	Amino acid biosynthesis
sll0608	57.714	76.183	0	63.594	36.053	89.468	0	0	0	Amino acid biosynthesis
sll2123	62.249	44.134	9.669	69.401	36.986	129.575	6.359	5.553	0	Amino acid biosynthesis
sll0738	62.553	41.489	48.476	63.921	80.447	54.138	0	0	0	Amino acid biosynthesis
sll0402	65.485	36.099	0	54.379	55.166	52.993	0	0	0	Amino acid biosynthesis
sll1499	65.828	54.253	21.79	69.301	56.61	53.095	1.303	47.787	0	Amino acid biosynthesis
sll0288	69.056	43.692	34.033	51.298	41.163	9.502	8.394	0	0	Amino acid biosynthesis
sll0500	70.117	33.362	14.617	89.969	82.231	65.299	0	0	0	Amino acid biosynthesis
sll0356	71.151	64.286	0	68.732	44.367	125.827	0	0	0	Amino acid biosynthesis
sll1470	75.204	52.532	144.678	88.674	60.672	58.755	0	0	0	Amino acid biosynthesis
sll1756	78.802	118.807	0	86.21	86.387	29.068	0	41.111	0	Amino acid biosynthesis
sll0543	78.864	17.044	7.468	67.632	50.414	0	4.912	0	0	Amino acid biosynthesis
sll1363	83.768	38.257	41.906	56.786	56.578	0	0	1.605	0	Amino acid biosynthesis
sll1981	88.004	51.102	11.195	71.722	104.545	37.508	0	0	0	Amino acid biosynthesis
sll1981	88.004	51.102	11.195	71.722	104.545	37.508	0	0	0	Amino acid biosynthesis
sll1058	89.475	165.781	0	82.65	77.952	0	0	0	0	Amino acid biosynthesis
sll2130	90.44	77.783	17.04	80.447	70.936	0	0	9.787	12.214	Amino acid biosynthesis
sll1564	90.744	109.187	11.256	100.149	98.785	50.285	3.702	0	0	Amino acid biosynthesis
sll0657	91.072	99.558	15.396	87.874	76.216	68.776	3.375	65.83	0	Amino acid biosynthesis
sll0550	91.831	81.582	10.213	67.484	167.761	45.623	0	29.33	0	Amino acid biosynthesis
sll1559	93.176	84.665	31.797	98.12	73.934	165.716	0	2.029	0	Amino acid biosynthesis
sll1498	97.165	73.136	8.011	68.655	59.488	35.787	15.807	1.534	11.485	Amino acid biosynthesis
sll1517	100.109	67.872	8.497	82.363	82.213	75.912	0	0	0	Amino acid biosynthesis
sll1112	101.109	138.026	20.159	88.915	63.506	0	304.949	7.719	0	Amino acid biosynthesis
sll1760	106.826	68.788	20.093	91.658	90.427	44.88	0	0	0	Amino acid biosynthesis
sll0373	107.063	121.647	376.651	99.043	63.966	31.747	0	0	0	Amino acid biosynthesis
sll0938	107.914	71.83	7.868	91.841	69.049	105.445	1076.386	70.801	11.28	Amino acid biosynthesis
sll1688	115.488	105.428	7.107	109.412	111.94	142.86	0	8.164	10.188	Amino acid biosynthesis
sll0065	118.459	111.735	16.319	105.642	99.147	0	0	6.249	23.395	Amino acid biosynthesis
sll1958	121.067	124.336	16.762	105.983	90.525	112.321	0	0	0	Amino acid biosynthesis
sll1747	121.495	58.176	16.993	87.208	89.86	75.912	0	1.627	0	Amino acid biosynthesis
sll0055	126.227	128.768	18.807	99.037	126.956	0	49.477	3.601	727.941	Amino acid biosynthesis
sll1634	128.579	40.225	0	121.631	111.044	19.683	0	0	0	Amino acid biosynthesis
sll0934	135.839	149.986	0	91.844	96.612	39.142	1527.194	35.229	0	Amino acid biosynthesis
sll0036	139.335	135.372	55.359	112.737	104.994	194.306	0	0	0	Amino acid biosynthesis
sll0080	140.633	129.988	376.773	154.15	248.43	117.427	0	1.678	75.368	Amino acid biosynthesis
sll1022	146.389	114.594	14.345	167.93	166.244	144.189	0	0	0	Amino acid biosynthesis
sll2072	149.972	103.723	54.535	99.896	99.536	67.672	0	133.415	8.687	Amino acid biosynthesis
sll1893	155.877	67.169	11.772	104.44	127.15	26.294	0	0	16.876	Amino acid biosynthesis
sll1898	160.643	106.299	10.35	147.541	149.053	277.411	0	0	0	Amino acid biosynthesis
sll1669	180.899	37.049	32.466	155.723	178.986	108.774	0	1361.273	69.814	Amino acid biosynthesis
sll0900	190.621	166.809	0	189.745	144.726	65.299	0	148.326	0	Amino acid biosynthesis
sll0455	197.794	154.087	28.427	161.615	115.138	174.607	0	0	0	Amino acid biosynthesis
sll1444	199.265	122.575	0	142.312	107.039	34.274	0	0	0	Amino acid biosynthesis
sll0682	201.14	154.522	15.045	200.723	170.968	100.815	3018.123	132.504	32.353	Amino acid biosynthesis
sll0753	201.94	167.035	52.276	159.387	131.747	116.763	0	2.002	0	Amino acid biosynthesis
sll0661	207.172	91.932	34.525	199.571	163.148	102.822	7.569	2.203	0	Amino acid biosynthesis
sll0394	216.596	184.322	15.383	213.871	171.343	274.875	0	4.418	0	Amino acid biosynthesis
sll1564	224.737	345.065	740.831	193.72	207.528	337.698	9.944	0	671.905	Amino acid biosynthesis
sll1848	230.186	194.188	14.181	260.772	209.006	190.043	74.614	244.348	101.645	Amino acid biosynthesis
sll0966	251.123	199.226	205.344	175.471	233.968	0	0	0	33.37	Amino acid biosynthesis
sll1980	264.843	248.03	72.449	265.054	256.184	161.823	6.807	0	14.837	Amino acid biosynthesis
sll0546	281.456	285.378	31.26	254.962	220.4	93.095	0	1.995	0	Amino acid biosynthesis
sll1842	281.944	201.427	74.32	287.143	242.491	166.001	79.432	3.557	0	Amino acid biosynthesis
sll1348	321.769	337.888	12.337	258.631	177.671	248.006	730.287	35.43	0	Amino acid biosynthesis
sll0109	482.108	412.461	72.288	590.407	515.098	484.386	0	0	0	Amino acid biosynthesis
sll0504	522.677	419.364	39.374	452.11	389.836	234.521	12.948	13.82	0	Amino acid biosynthesis
sll0186	859.495	276.828	46.206	156.632	311.922	206.413	7.598	1.106	0	Amino acid biosynthesis
sll0523	13.709	14.789	0	16.083	8.748	28.946	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1663	29.527	63.704	0	23.64	28.264	31.172	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1663	29.527	63.704	0	23.64	28.264	31.172	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0239	35.45	26.564	0	38.648	52.379	0	0	15.598	16.685	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0239	35.45	26.564	0	38.648	52.379	0	0	15.598	16.685	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1282	36.479	21.331	0	33.857	29.444	0	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0704	36.737	35.915	7.868	42.094	40.721	17.574	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0426	38.061	29.955	0	38.96	59.066	29.315	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1093	39.607	89.787	0	35.628	38.95	0	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1051	41.601	16.371	0	41.14	25.824	32.042	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0166	45.817	19.59	11.444	39.347	28.328	25.562	7.527	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1787	45.927	48.215	8.45	40.106	36.127	18.874	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1878	47.805	12.893	0	45.663	48.302	25.235	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1467	48.181	63.133	0	52.654	96.479	30.893	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1917	50.124	25.567	14.936	45.214	89.064	16.68	0	11.438	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1185	50.15	20.643	0	43.535	26.458	60.607	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0118	50.873	38.257	13.41	56.449	66.385	0	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll2026	51.598	24.274	0	45.662	23.932	0	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0618	51.885	59.994	0	60.445	57.836	65.237	15.368	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0739	57.924	34.848	0	64.55	48.101	22.736	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0739	57.924	34.848	0	64.55	48.101	22.736	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1098	58.254	13.912	0	59.7	57.607	0	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1098	58.254	13.912								

slr0926	58.941	48.05	10.527	58.788	35.53	47.024	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr1269	61.239	54.253	11.885	54.417	62.85	13.274	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1876	62.758	45.221	6.604	50.84	69.848	29.503	0	0	66.276	Biosynthesis of cofactors, prosthetic groups, and carriers
sl00300	63.44	31.01	0	37.371	36.689	0	0	0	1908.872	Biosynthesis of cofactors, prosthetic groups, and carriers
slr1808	64.928	41.118	7.206	55.11	47.025	48.288	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1779	66.249	29.088	25.49	62.627	88.904	56.934	100.59	19.521	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0536	66.51	90.248	8.787	54.526	43.5	19.627	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0078	66.638	81.223	23.725	79.579	37.371	105.985	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0056	67.677	54.149	0	64.936	70.47	169.576	0	1.817	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1127	69.705	63.762	0	63.533	103.098	24.96	0	2.14	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sl11440	72.569	91.42	0	88.674	45.067	59.645	0	15.338	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1501	73.257	51.01	0	81.498	73.282	14.263	4.2	1.223	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0900	75.388	108.02	70.994	91.282	101.175	35.238	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr1211	76.119	57.963	5.644	80.074	55.243	31.514	1.856	112.915	4.045	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0252	79.871	67.169	0	101.873	95.362	52.588	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0817	81.597	59.279	0	77.208	90.589	43.51	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1994	83.694	42.923	0	65.762	50.782	63.01	6.185	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sl00892	86.692	24.107	0	89.281	80.811	47.185	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr1618	95.759	67.169	105.948	87.066	74.171	78.882	0	33.808	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1713	97.846	99.707	17.475	82.791	58.982	58.547	0	1.673	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0969	97.995	84.068	4.911	80.472	64.098	131.638	6.46	212.507	63.366	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0631	108.75	127.064	11.135	100.932	93.957	87.046	0	0	23.944	Biosynthesis of cofactors, prosthetic groups, and carriers
sl00660	111.06	70.393	8.812	175.574	170.532	59.049	17.388	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0099	113.431	156.98	7.24	154.445	171.063	113.2	0	6.931	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sl0409	121.444	54.823	0	111.832	101.618	42.922	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1626	132.996	69.927	0	119.895	128.694	91.246	0	3.911	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1612	133.093	65.635	93.463	132.631	106.773	32.117	18.914	17.894	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sl00635	134.583	202.316	8.966	121.948	114.999	100.131	424.585	6.866	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1653	134.583	102.316	8.966	121.948	114.999	100.131	424.585	6.866	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1890	135.008	76.101	933.619	128.058	120.048	74.476	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr1879	139.591	57.937	25.385	98.131	71.402	0	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0917	140.776	107.198	15.656	144.151	118.02	87.424	0	0	11.222	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0260	151.387	103.52	0	163.293	91.856	202.619	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sl00603	162.625	135.826	87.974	134.957	123.434	57.794	105.513	68.364	7.419	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1653	165.7	88.36	0	156.694	116.155	57.649	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0916	178.823	145.307	0	128.367	105.059	63.202	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1894	183.563	148.196	113.631	139.842	131.5	265.893	7.118	50.763	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1518	184.467	125.702	30.042	124.613	94.64	156.569	737.663	11.503	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr1691	193.113	119.631	960.044	191.822	192.44	123.239	0	241.907	15.82	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0506	193.839	141.658	9.549	194.894	178.341	42.657	0	0	2039.672	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0794	197.872	170.765	224.462	193.242	209.517	199.982	0	151.208	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr1777	218.2	145.57	136.674	231.508	215.282	183.165	5.993	1.744	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0502	249.714	219.356	17.475	226.834	230.031	195.157	17.24	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0387	267.021	227.368	95.637	290.977	283.349	89.006	0	65.612	22.85	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0936	281.646	130.798	41.679	296.552	215.711	209.464	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0749	288.118	259.462	39.542	342.355	360.36	419.525	0	1.893	14.172	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1538	342.451	298.93	50.7	349.188	321.344	207.615	66.693	3.236	12.114	Biosynthesis of cofactors, prosthetic groups, and carriers
sl0017	351.907	291.954	198.986	311.788	337.418	190.481	0	1493.955	112.067	Biosynthesis of cofactors, prosthetic groups, and carriers
sl0017	351.907	291.954	198.986	311.788	337.418	190.481	0	1493.955	112.067	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0636	416.188	202.28	11.817	273.693	252.615	105.579	7.772	0	16.941	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0750	430.397	314.523	39.374	339.412	335.2	234.521	0	1.256	47.038	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1368	439.798	159.985	15.577	293.116	290.93	313.138	0	0	44.662	Biosynthesis of cofactors, prosthetic groups, and carriers
sl0066	625.799	448.304	50.151	360.262	355.477	298.712	0	0	0	Biosynthesis of cofactors, prosthetic groups, and carriers
slr0887	732.959	716.969	3164.241	592.745	583.496	535.815	0	2.187	49.129	Biosynthesis of cofactors, prosthetic groups, and carriers
sll1376	1028.397	911.24	69.87	975.769	947.829	557.366	124.734	36.309	28.619	Biosynthesis of cofactors, prosthetic groups, and carriers
sll0378	1417.412	919.912	268.706	1000.433	1056.813	939.415	84.524	2.237	66.993	Biosynthesis of cofactors, prosthetic groups, and carriers
ssl1377	19.781	116.033	0	14.779	15.253	227.111	0	0	0	Cell envelope
slr0804	22.68	33.521	9.791	27.259	15.423	21.87	6.44	0	70.184	Cell envelope
sll0016	23.292	18.332	0	24.786	16.266	53.821	10.565	0	0	Cell envelope
slr1744	24.665	5.415	0	18.462	17.084	21.197	0	0.908	0	Cell envelope
slr0624	26.01	9.461	0	26.697	13.06	18.519	0	0	0	Cell envelope
sll1351	27.818	23.207	0	24.783	16.779	0	13.375	0	0	Cell envelope
sll1483	29.214	19.446	0	33.151	46.013	0	0	0	0	Cell envelope
sll1369	29.497	16.333	7.156	25.923	32.205	0	0	0	0	Cell envelope
sll1656	30.244	66.23	0	50.614	55.97	37.038	0	0	0	Cell envelope
slr0162	34.565	21.203	0	22.747	29.266	41.5	0	0	0	Cell envelope
slr1910	35.345	31.147	0	31.89	22.52	40.643	0	0	0	Cell envelope
slr0882	49.417	44.553	0	47.274	31.627	0	0	0	0	Cell envelope
slr0528	49.472	62.603	0	49.477	42.519	27.229	4.009	1.167	0	Cell envelope
sll1053	53.014	94.578	5.92	70.689	65.273	66.114	0	0	0	Cell envelope
slr0423	53.458	43.723	19.157	51.566	36.641	21.395	0	0	0	Cell envelope
slr1063	53.726	40.808	31.29	43.18	45.263	19.968	38.22	4.279	6.408	Cell envelope
sll1710	56.403	32.85	0	42.347	39.791	45.927	27.048	27.557	0	Cell envelope
sl0034	59.946	27.179	95.267	45.335	32.156	0	0	0	0	Cell envelope
slr1118	62.28	41.901	0	61.374	57.836	0	0	11.716	0	Cell envelope
sll1874	65.602	49.573	0	52.601	62.56	58.217	0	0	0	Cell envelope
sll1434	69.388	59.472	9.476	65.393	60.767	31.747	3.116	0.907	0	Cell envelope
sll0288	72.131	42.577	0	93.858	95.149	55.557	237.212	9.524	0	Cell envelope
sll0313	73.19	37.846	149.239	88.991	126.865	74.076	0	974.653	23.772	Cell envelope
slr1072	73.602	142.541	9.608	69.935	60.538	21.461	0	7.358	0	Cell envelope
slr0836	74.13	112.876	35.968	83.395	95.1	40.169	0	0	0	Cell envelope
sll1370	74.138	47.822	16.762	70.561	62.236	74.881	0	0	0	Cell envelope
slr0819	74.9	65.543	17.231	72.436	46.527	64.144	7.555	1.1	0	Cell envelope
sll1971	80.977	43.453	38.078	69.479	59.978	51.03	0	0	43.67	Cell envelope
sll1746	83.375	75.421	11.015	73.34	76.839	123.019	0	12.654	0	Cell envelope
sl0023	83.451	69.742	93.71	97.576	127.437	54.603	45.556	0.78	105.136	Cell envelope
sll1533	88.773	82.043	0	79.579	61.476	16.058	9.457	1.376	0	Cell envelope
slr2043	89.773	51.912	9.098	88.194	77.796	203.217	0	0	247.817	Cell envelope
slr0015	91.857	26.732	23.425	86.429	100.151	69.762	0	2.99	11.194	Cell envelope
slr1085	101.653	115.942	0	117.084	119.209	48.629	4.773	0	10.404	Cell envelope
sll163	106.111	70.629	0	79.233	90.525	23.04	142.475	1.975	0	Cell envelope
sll1395	117.311	175.357	21.952	161.069	167.949	122.581	0	0	15.735	Cell envelope
sll1508	126.113	139.77	0	108.681	105.231	124.351	0	0	0	Cell envelope
sll1067	128.508	72.251	316.568	108.913	95.658	40.405	654			



C	v	C	v	p	C	r	e	ocesses Cellular
e	e	e	e	r	r	o	i	processes Cellular
l	l	l	o	o	o	c	l	processes Cellular
o	l	o	o	c	c	e	u	processes Cellular
p	e	p	e	l	l	s	a	processes Cellular
e	n	e	e	u	u	s	s	processes Cellular
v	C	v	C	s	s	a	r	processes Cellular
e	e	e	e	a	e	r	s	processes Cellular
l	l	l	l	s	r	s	p	processes Cellular
o	o	o	l	p	C	r	o	processes Cellular
p	e	e	e	r	r	e	c	processes Cellular
C	v	C	v	C	r	o	c	processes Cellular
e	e	e	e	r	e	l	u	processes Cellular
l	l	l	l	c	o	c	s	processes Cellular
o	o	o	l	l	l	u	s	processes Cellular
p	e	e	e	e	c	s	a	processes Cellular
e	n	n	e	u	l	s	e	processes Cellular
v	C	v	s	s	s	a	r	processes Cellular
e	e	e	s	a	e	r	s	processes Cellular
l	l	l	e	r	s	s	p	processes Cellular
o	o	l	l	p	C	r	o	Central intermediary metabolism
p	e	e	C	r	e	o	l	Central intermediary metabolism
e	n	n	e	o	o	c	c	Central intermediary metabolism
v	C	v	C	r	e	l	u	Central intermediary metabolism
e	e	e	e	c	o	c	s	Central intermediary metabolism
l	l	l	l	l	l	u	a	Central intermediary metabolism
o	o	o	l	e	u	s	r	Central intermediary metabolism
p	e	e	e	u	s	a	s	Central intermediary metabolism
e	n	n	e	s	s	e	r	Central intermediary metabolism
v	C	v	s	a	e	r	s	Central intermediary metabolism
e	e	e	s	r	s	s	p	Central intermediary metabolism
l	l	l	e	p	C	r	o	Central intermediary metabolism
o	l	l	l	r	e	e	l	Central intermediary metabolism
p	e	e	C	r	o	c	c	Central intermediary metabolism
e	n	n	e	o	l	c	l	Central intermediary metabolism
v	C	v	s	l	c	u	u	Central intermediary metabolism
e	e	e	s	s	l	s	s	Central intermediary metabolism
l	l	l	u	a	s	a	a	Central intermediary metabolism
o	o	l	l	s	a	e	r	Central intermediary metabolism
p	e	e	e	r	e	r	s	Central intermediary metabolism
e	n	n	e	p	C	r	o	Central intermediary metabolism
v	C	v	r	r	e	e	l	Central intermediary metabolism
e	e	e	l	o	o	c	c	Central intermediary metabolism
l	l	l	o	c	l	u	s	Central intermediary metabolism
o	o	l	o	u	s	s	e	Central intermediary metabolism
p	e	e	e	s	l	a	s	Central intermediary metabolism
e	n	n	e	s	a	e	r	Central intermediary metabolism
v	C	v	u	s	s	a	s	Central intermediary metabolism
e	e	e	l	s	a	e	r	Central intermediary metabolism
l	l	l	a	r	r	s	p	Central intermediary metabolism
o	o	l	l	p	C	r	o	Central intermediary metabolism
p	e	e	e	r	e	c	l	Central intermediary metabolism
e	n	n	e	r	o	u	e	Central intermediary metabolism
v	C	v	r	r	e	l	s	Central intermediary metabolism
e	e	e	c	o	o	u	s	Central intermediary metabolism
l	l	l	l	c	l	a	a	Central intermediary metabolism
o	o	l	l	e	u	s	r	Central intermediary metabolism
p	e	e	e	u	s	a	s	Central intermediary metabolism
e	n	n	e	s	s	e	r	Central intermediary metabolism
v	C	v	l	s	a	r	s	Central intermediary metabolism
e	e	e	a	r	e	s	p	Central intermediary metabolism
l	l	l	l	p	C	r	o	Central intermediary metabolism
o	l	l	l	r	e	c	l	Central intermediary metabolism
p	e	e	e	o	o	u	s	Central intermediary metabolism
e	n	n	c	l	l	a	e	Central intermediary metabolism
v	C	v	e	u	s	r	s	Central intermediary metabolism
e	e	e	s	s	a	e	p	Central intermediary metabolism
l	l	l	a	a	r	r	C	Central intermediary metabolism
o	o	l	l	p	C	r	o	Central intermediary metabolism
p	e	e	e	r	e	c	l	Central intermediary metabolism
e	n	n	e	r	o	u	s	Central intermediary metabolism

slr1827	85.232	53.328	0	71.124	63.093	0	0	0	0	Central intermediary metabolism
slr0963	86.768	55.341	373.411	79.623	60.018	54.159	3.19	0.928	0	Central intermediary metabolism
slr0328	101.826	22.276	0	43.542	48.318	0	0	0	0	Central intermediary metabolism
slr1239	107.739	92.797	11.617	94.004	94.105	38.921	0	0	0	Central intermediary metabolism
slr1675	111.52	123.497	81.165	146.558	85.231	120.86	0	0	0	Central intermediary metabolism
slr0927	118.519	75.242	124.543	124.094	103.857	49.091	0	2.805	0	Central intermediary metabolism
slr0314	120.63	152.476	133.615	171.985	147.825	99.481	0	10.659	0	Central intermediary metabolism
slr0654	123.917	107.337	32.811	135.039	159.478	146.575	10.071	1.256	0	Central intermediary metabolism
slr0643	133.703	102.019	0	90.459	87.172	33.28	9.8	0	0	Central intermediary metabolism
slr0420	137.98	66.409	29.097	169.818	117.854	129.982	0	5.571	0	Central intermediary metabolism
slr0420	137.98	66.409	29.097	169.818	117.854	129.982	0	5.571	0	Central intermediary metabolism
slr1347	138.83	180.496	0	108.924	80.08	132.482	6.502	0	0	Central intermediary metabolism
slr1219	144.37	172.291	0	112.134	126.187	96.35	0	0	0	Central intermediary metabolism
slr1293	146.281	200.926	12.143	145.404	144.817	189.856	0	2.325	0	Central intermediary metabolism
slr0222	152.417	96.871	0	126.706	101.875	42.135	6.204	5.417	0	Central intermediary metabolism
slr1434	163.263	80.491	6.412	115.282	93.787	42.967	0	0	0	Central intermediary metabolism
slr0867	163.931	163.325	7.156	169.821	161.027	271.726	4.707	1.37	0	Central intermediary metabolism
slr1079	174.874	91.817	187.739	128.191	78.455	29.952	0	0	19.224	Central intermediary metabolism
slr1991	184.071	145.785	18.25	155.791	123.2	81.527	588.167	26.206	0	Central intermediary metabolism
slr0940	188.047	179.575	138.478	209.755	177.048	140.593	0	40.974	9.024	Central intermediary metabolism
slr0662	192.764	126.425	22.157	161.05	137.609	138.573	11.658	281.678	12.706	Central intermediary metabolism
slr1255	205.707	177.025	45.625	188.847	195.067	81.527	162.046	5.241	13.082	Central intermediary metabolism
slr1750	211.493	172.896	21.644	152.547	132.717	120.86	0	187.512	38.786	Central intermediary metabolism
slr1750	211.493	172.896	21.644	152.547	132.717	120.86	0	187.512	38.786	Central intermediary metabolism
slr1717	212.948	179.286	82.688	136.735	96.754	55.408	0	79.156	11.854	Central intermediary metabolism
slr0596	233.841	77.073	11.256	156.689	139.312	100.57	96.246	2.155	0	Central intermediary metabolism
slr0228	235.641	160.506	150.698	183.485	167.29	112.199	0	0	0	Central intermediary metabolism
slr1184	238.65	106.656	149.541	293.429	201.899	83.504	172.121	172.416	53.595	Central intermediary metabolism
slr1254	300.057	275.323	65.207	286.408	227.429	203.904	0	14.981	0	Central intermediary metabolism
slr0868	304.027	173.668	20.291	215.583	198.619	203.952	6.673	567.197	29.089	Central intermediary metabolism
slr1899	316.618	242.179	0	253.411	267.423	126.404	0	0	0	Central intermediary metabolism
slr1791	320.644	168.944	12.337	278.701	238.745	55.112	0	11.81	0	Central intermediary metabolism
slr0542	330.896	177.598	61.308	222.091	210.118	158.006	31.018	474.933	33.804	Central intermediary metabolism
slr0033	338.304	203.327	24.576	278.415	251.619	150.955	12.123	0	0	Central intermediary metabolism
slr0896	13.728	20.95	0	11.7	8.262	0	0	0	0	DNA metabolism
slr0854	22.432	7.198	0	23.06	14.193	0	0	0	0	DNA metabolism
slr1536	34.41	44.088	12.878	28.185	23.183	14.382	0	0	0	DNA metabolism
slr0920	35.252	0	20.562	31.381	18.507	0	0	0	0	DNA metabolism
slr1165	44.423	26.985	23.647	47.534	41.809	37.728	8.888	9.055	87.172	DNA metabolism
slr0569	45.32	9.915	8.688	48.229	43.01	97.029	45.714	3.327	0	DNA metabolism
slr1543	53.161	29.765	0	48.117	44.019	14.565	0	0	0	DNA metabolism
slr2080	53.645	46.618	20.426	45.56	59.751	45.623	0	0	0	DNA metabolism
slr1803	56.253	56.769	0	37.877	38.06	44.445	0	7.619	0	DNA metabolism
slr0848	57.383	15.713	0	52.535	43.377	76.887	4.528	2.636	0	DNA metabolism
slr1045	57.485	102.764	0	61.543	50.659	0	0	0	0	DNA metabolism
slr0417	60.892	36.791	204.186	48.843	48.364	40.006	89.531	26.062	5.135	DNA metabolism
slr0729	62.154	36.92	129.41	80.845	72.8	96.35	312.088	4.129	0	DNA metabolism
slr2058	66.202	50.896	0	66.859	60.988	76.63	0	0.657	0	DNA metabolism
slr1854	81.323	76.514	0	56.786	50.292	0	0	0	0	DNA metabolism
slr1629	84.132	31.01	183.426	62.778	47.389	45.522	4.468	5.203	1353.741	DNA metabolism
slr1868	89.952	60.875	145.485	85.641	73.113	97.486	76.55	4.642	0	DNA metabolism
slr1354	105.549	41.68	12.175	94.128	84.927	81.581	0	97.9	5.818	DNA metabolism
slr0707	108.289	135.509	6.25	145.169	147.665	146.575	59.604	47.863	8.96	DNA metabolism
slr1164	115.217	87.075	0	127.699	99.405	62.791	219.234	6.92	0	DNA metabolism
slr0613	115.304	87.505	0	87.592	95.86	95.153	0	1.631	12.214	DNA metabolism
slr0965	116.812	71.83	15.736	93.16	95.606	87.87	0	43.685	22.559	DNA metabolism
slr1193	129.45	84.811	0	84.133	87.799	0	0	0	0	DNA metabolism
slr0451	129.991	150.294	6.126	176.958	164.03	150.505	0	0.586	8.782	DNA metabolism
slr0021	137.463	67.524	7.396	125.78	84.881	132.164	4.865	9.913	0	DNA metabolism
slr1360	141.615	75.624	74.553	125.449	117.432	67.842	5.448	95.158	0	DNA metabolism
slr0833	145.047	108.856	173.115	133.434	135.148	118.368	65.063	8.117	0	DNA metabolism
slr1941	145.247	108.011	9.791	128.686	120.445	43.74	0	1.875	0	DNA metabolism
slr0603	162.37	172.456	17.173	162.494	165.392	92.059	0	0	0	DNA metabolism
slr2005	165.788	143.527	242.969	129.771	109.346	76.616	156.044	43.235	28.685	DNA metabolism
slr1572	166.186	184.035	13.439	125.09	143.644	180.106	0	0	9.633	DNA metabolism
slr1199	168.161	99.849	0	143.715	134.129	97.717	10.79	8.376	0	DNA metabolism
slr1034	174.818	189.52	23.725	179.848	218.885	52.993	0	18.169	0	DNA metabolism
ssr2806	179.073	175.983	0	176.731	196.641	229.635	0	127.943	0	DNA metabolism
slr0214	182.393	91.097	29.028	149.215	115.943	64.838	0	29.178	114.441	DNA metabolism
slr0790	208.666	330.909	0	239.179	219.478	412.165	0	181.694	75.582	DNA metabolism
slr1520	215.878	174.479	15.817	189.044	192.192	211.971	97.094	20.188	0	DNA metabolism
slr1844	220.147	163.115	771.864	211.38	172.971	212.844	2.089	83.316	18.215	DNA metabolism
slr0876	251.017	182.624	43.645	209.345	173.507	129.982	0	473.519	62.569	DNA metabolism
slr0020	284.376	211.518	300.272	254.777	226.893	124.202	41.449	0.71	5.314	DNA metabolism
slr1134	286.552	283.463	20.7	291.264	246.869	369.882	27.229	43.594	0	DNA metabolism
slr0459	286.724	231.142	561.615	254.54	212.351	215.925	42.388	88.135	13.199	DNA metabolism
slr0459	286.724	231.142	561.615	254.54	212.351	215.925	42.388	88.135	13.199	DNA metabolism
slr0865	292.571	241.38	34.434	246.834	230.235	197.772	0	1.884	14.104	DNA metabolism
slr0231	295.973	230.043	302.38	270.802	240.414	45.026	0	69.471	0	DNA metabolism
slr0377	338.598	202.381	66.826	264.752	272.405	183.708	84.542	260.315	11.054	DNA metabolism
slr1426	373.251	256.8	264.745	356.312	345.524	295.667	330.84	15.206	0	DNA metabolism
slr1748	7.326	65.482	0	7.699	3.228	0	0	0	0	Energy metabolism
slr1676	15.008	6.956	0	13.596	16.459	0	0	0	0	Energy metabolism
slr1739	19.666	28.615	0	16.822	11.285	0	0	0	0	Energy metabolism
slr0593	19.91	29.66	51.982	21.504	27.293	19.351	22.793	1.659	223.563	Energy metabolism
slr0554	21.745	0	0	24.776	5.832	0	0	0	0	Energy metabolism
slr2615	22.639	0	0	30.91	33.855	0	0	0	0	Energy metabolism
slr1057	23.919	0	0	30.547	32.789	54.244	0	0	0	Energy metabolism
slr1323	24.22	24.442	0	65.376	43.377	47.841	56.349	4.101	0	Energy metabolism
slr1329	24.524	29.088	0	27.68	28.679	71.168	25.148	1.22	0	Energy metabolism
slr2014	25.527	0	0	28.037	8.748	0	238.656	12.406	0	Energy metabolism
slr2051	28.802	42.236	0	29.174	16.657	110.225	56.8	2.362	0	Energy metabolism
slr1459	32.428	20.704	0	43.511	36.743	40.524	0	0	0	Energy metabolism
slr0849	32.668	39.883	0	34.289	15.729	58.547	0	48.512	0	Energy metabolism
slr0518	33.183	0	0	31.384	7.798	38.703	0	0	0	Energy metabolism
slr1772	33.931	37.245	0	32.568	14.688	18.225	5.367	0	0	Energy metabolism
slr0522	34.076	0	29.657	34.816	33.367	0	0	17.034	0	Energy metabolism
sl										

sll0629	37.502	7	54.568	0	0	44.509	3	26.9	0	251.606	0	0
str0737	38.03	107.39	0	0	0	53.183	60.704	34.213	48.514	4.685	0	0
sll0258	38.085	3	65.584	0	0	46.586	94.004	38.797	42.789	0	0	0
str0752	40.274	107.73	40.643	8.225	53.16	79.314	44.879	31.82	271.684	49.477	0	0
str1755	40.448	9	31.9	0	4.597	42.506	99.297	29.355	0	6.565	0	0
str1743	41.391	108.00	34.762	7.123	12.143	37.805	98.803	27.418	34.02	12.839	0	0
str1743	41.391	6	34.762	9.318	12.22	37.805	161.15	27.418	34.02	4.289	0	0
sll1051	41.601	108.29	16.371	15.23	25.49	41.14	4 92.48	25.824	32.042	3.662	0	0
smr0010	41.829	9	0	1	11.617	26.526	0	0	3.522	0	0	0
sll1327	42.145	108.39	55.868	15.23	0	49.92	37.455	21.87	184.416	4.372	0	0
sll1030	42.329	8	34.848	1 0	239.22	48.141	48.101	68.208	8.05	0	0	0
str1853	42.437	108.44	0	0	4	58.532	42.616	120.86	4.307	0	0	0
str2007	43.227	5	14.425	0	17.327	39.855	28.444	28.234	28.019	0	0	0
sll1841	43.421	108.52	24.329	0	178.15	38.854	46.375	47.62	49.72	0	5.543	0
sll1561	43.822	9	35.516	0	3 0	36.537	36.417	41.71	6.074	0	0	0
str0710	44.976		41.022	0		67.28	46.916	48.175			4.61	0
sll1028	45.204		62.851	7.107		62.349	80.557	0	169.401	0	17.743	0
smr0004	45.277		85.845	9.337		35.325	33.855	0	200.29	200.29	0	0
sll0741	46.268		49.862	661.43		53.752	46.847	45.927			5.41	0
str2033	46.554		60.684	82.615		38.349	41.881	59.388	279.528	72.334	16.765	0
sll0573	46.969		45.562	0		64.281	42.675				11.396	0
sll1479	47.65		41.408	457.50		43.004	46.268	0				
sll1878	47.805		12.893	1 0		45.663	48.302	25.235				
sll0685	47.971		64.779	0		55.217	55.352	42.264				
sll1324	48.128		97.768	0		89.084	53.98	0				
sll0107	48.372		34.006	0		47.478	56.997	33.28				
srl1655	48.421		155.934	0		117.20	70.281	87.203				
srl0844	48.912		41.286	0		3	37.652	30.304				
srl0091	49.852		46.21	58.56		43.004	37.652	30.304				
srl0623	50.416		99.613	2		59.536	39.285	64.991				
sll0851	51.258		29.765	63.31		26.351	45.486	14.565				
sml0005	51.362		153.029	4		41.009	105.613	149.762				
srl1139	51.651		31.997	63.31		77.589	37.856	0				
sll1085	51.684		19.06	4		73.828	50.11	49.74				
srl0390	51.727		80.912	60.74		50.886	15.955	0				
ssr3383	52.117		103.52	1 0		54.699	40.825	0				
srl1233	52.64		30.553	0		44.119	38.557	11.96				
sll1245	53.201		81.853	0		38.885	43.04	0				
ssr1386	54.864		0	56.07		51.726	77.114	85.05				
sll1194	55.401		79.992	8 0		90.681	42.062	104.379				
srl0721	55.647		45.513	0		54.077	47.864	0				
srl1672	56.253		71.207	0		49.385	70.205	0				
sll1031	56.826		35.811	5.355		78.636	38.333	10.013				
sll1325	58.975		75.692	0		61.124	55.97	148.152				
srl0301	59.207		47.273	38.07		95.11	45.76	67.292				
sll1326	60.718		69.835	8 0		62.716	57.836	82.012				
srl0342	61.298		63.133	0		79.95	43.571	30.893				
srl2067	63.198		43.453	8.91		51.494	111.387	42.525				
srl0009	63.778		74.727	4		124.20	78.096	102.385				
srl0943	63.916		35.08	4.48		7 99.06	96.841	0				
sll1557	64.051		104.544	3 0		72.004	54.972	22.736				
sll1349	64.108		31.709	0		56.165	65.651	31.032				
srl1834	64.557		51.484	0		48.697	58.143	82.449				
sll1196	67.753		38.891	0		70.229	61.35	0				
sll0920	68.156		85.016	0		57.728	57.668	59.905				
srl0343	68.482		43.723	0		59.823	25.864	0				
srl0942	69.288		53.653	133.20		64.256	63.478	21.003				
sll1317	70.103		64.188	8 0		65.762	73.833	20.939				
sll0401	70.67		70.747	0		79.869	38.363	34.618				
sll0813	71.578		11.693	61.52		50.167	62.255	137.323				
sll1091	72.523		103.52	2 8.52		78.535	91.856	84.425				
srl0458	73.501		0	2.98		87.985	78.569	32.495				
srl1835	74.697		86.549	0		78.321	91.968	56.468				
sml0008	75.462		257.536	56.42		78.084	118.492	0				
sll0823	75.919		85.845	93.74		78.22	84.637	28.004				
srl1945	76.834		26.414	7		92.519	54.689	90.475				
sll1393	77.977		57.23	15.49		62.402	63.478	14.002				
sll1577	78.039		122.069	9		64.973	164.48	119.463				
srl1672	78.256		63.865	61.48		196.73	107.742	97.224				
srl1828	78.86		98.682	1		9	38.917	64.384				
sll0487	79.145		26.201	15.11		74.252	79.219	34.189				
sll0395	80.55		33.048	9 0		54.627	65.167	32.343				
srl1556	84.548		73.765	42.13		93.056	70.649	103.129				
srl0623	84.901		130.358	5 0		64.111	147.802	0				
sll0521	86.217		17.687	12.53		65.974	83.702	34.618				
srl1176	89.75		175.983	8		94.353	107.259	328.795				
sll0819	90.141		42.406	5.787		88.636	104.522	0				
srl1096	90.193		51.436	25.07		118.03	82.588	172.586				
sll1721	90.698		75.808	5 0		115.29	93.961	63.591				
srl1934	93.154		51.307	6.218		4	78.913	100.423				
srl0772	93.94		89.893	0		103.34	143.169	121.81				
srl0876	94.945		51.507	0		5	99.872	0				
sll1559	95.265		54.852	0		79.897	102.752	35.787				
srl0261	96.129		44.553	9.234		69.823	121.235	52.322				
srl0261	96.129		44.553	0		90.14	121.235	52.322				
srl0897	96.487		95.304	15.49		77.463	84.242	45.026				
sll1226	97.229		88.918	9		99.556	65.75	43.51				
smr0006	97.506		156.443	14.01		77.655	46.268	0				
ssl3580	99.356		45.71	9 0		77.655	45.067	0				
sll1382	100.15		28.615	25.75		88.722	45.14	56.008				
ssl0563	8		0	6		72.09	110.029	168.025				
sll1682	100.15		116.997	9.49		80.463	98.048	95.416				
srl1311	8		19.5	8.992		54.413	105.738	0				
srl1498	102.68		140.787	30.29		68.548	107.343	73.483				
sll1070	9		120.644	7		139.40	76.539	51.334				
srl0906	105.02		83.142	111.34		9	65.577	27.122				
srl2098	7		83.669	9 16.022		105.31	97.34	87.341				
sll1796	105.45		58.176	7.808		5	22.943	56.934				
srl1239	6		92.797	7.808		54.735	94.105	38.921				
ssl2831	105.46		140.787	28.798		120.41	37.015	0				
srl1181	4		87.748	32.466		9	86.513	19.083				
sll1221	105.64		79.094	3769.67		74.544	94.876	77.405				
sll1322	1		127.064	3 0		63.538	110.242	99.481				
sll2153	106.17		177.761	25.075		100.58	105.156	0				

4.578	0	E	s	o	t	r	E	s	olism	Energy
0	31.138	n	m	l	a	g	n	m	metabolism	Energy
0	0	e		i	b	y	e		metabolism	Energy
0	30.634	r	E	s	o	r	r	E	metabolism	Energy
0	13.358	g	n	m	i	a	g	n	metabolism	Energy
0	0	y	e		b	e	y	e	metabolism	Energy
0	0	m	g	n	s	t	r	r	metabolism	Energy
0	0	e	y	e	m	a	m	g	metabolism	Energy
0	0	t	r		i	b	e	y	metabolism	Energy
0	0	a	m	g	r	s	o	t	metabolism	Energy
0	0	b	e	y	n	m	l	a	metabolism	Energy
0	0	o	t		r	E	s		metabolism	Energy
0	0	l	a	m	g	n	m	l	metabolism	Energy
1.192	0	i	b	e	y	e	m	i	metabolism	Energy
0	10.307	s	o	t	a	r	E	s	metabolism	Energy
0	0	m	l	a	m	g	n	m	metabolism	Energy
0	0	i	b	b	e	y	e		metabolism	Energy
0.492	0	E	s	o	t	r	E	s	metabolism	Energy
5.091	0	n	m	l	a	g	n	m	metabolism	Energy
1.911	0	e		i	b	y	e		metabolism	Energy
0	0	r	E	s	o	t	r	E	metabolism	Energy
0	0	g	n	m	i	a	m	g	metabolism	Energy
0	0	y	e		s	o	t	r	metabolism	Energy
0	0	m	g	n	m	l	a	m	metabolism	Energy
0	223.877	e	y	e	r	E	s	o	metabolism	Energy
0	0	t	r		E	s	o	t	metabolism	Energy
0	0	a	m	g	n	m	l	a	metabolism	Energy
78.82	0	b	e	y	r	E	s	o	metabolism	Energy
0	0	o	t		E	s	o	t	metabolism	Energy
0	9.348	l	a	m	g	n	m	l	metabolism	Energy
0	0	i	b	e	y	e		i	metabolism	Energy
0	0	s	o	t	r	E	s	o	metabolism	Energy
257.947	39.906	m	l	a	m	g	n	m	metabolism	Energy
0	0	i	b	e	y	e		i	metabolism	Energy
0	0	E	s	o	t	r	E	s	metabolism	Energy
1.025	0	n	m	l	a	g	n	m	metabolism	Energy
0	0	e		i	b	y	e		metabolism	Energy
131.224	0	r	E	s	o	t	r	E	metabolism	Energy
0	0	g	n	m	i	b	e		metabolism	Energy
1.273	38.117	y	e		i	b	c	y	metabolism	Energy
0	0	r	E	s	o	t	r	r	metabolism	Energy
0	0	m	g	n	m	l	a	m	metabolism	Energy
50.796	0	e	y	e	m	i	b	e	metabolism	Energy
55.518	43.19	t	r	E	s	o	t	r	metabolism	Energy
0	0	a	m	g	n	m	l	a	metabolism	Energy
0	0	b	e	y	e	i	b	e	metabolism	Energy
47.386	0	o	t		r	E	s	o	metabolism	Energy
1.254	0	l	a	m	g	n	m	l	metabolism	Energy
0	0	i	b	e	y	e		i	metabolism	Energy
0	0	s	o	t	r	E	s	o	metabolism	Energy
0	19.917	m	l	a	m	g	n	m	metabolism	Energy
0.785	0	i	b	e	y	e		i	metabolism	Energy
1.631	0	E	s	o	t	r	E	s	metabolism	Energy
0	0	n	m	l	a	g	n	m	metabolism	Energy
0	0	e		i	b	y	e		metabolism	Energy
0	13.48	r	E	s	o	t	r	E	metabolism	Energy
0	0	g	n	m	i	b	e	y	metabolism	Energy
0	0	y	e		E	s	o	t	metabolism	Energy
0	0	r	E	s	o	t	r	r	metabolism	Energy
1.447	21.674	m	g	y	e	i	b	e		metabolism
0	0	e	y	e	r	E	s	o	t	
0	42.283	t	a	m	g	n	m	l	a	
0	0	a	e	y	e	r	E	s	o	
0	0	b	e		E	s	o	t	a	
0	0	o	t		r	E	s	o	t	
0	0	l	a	m	g	n	m	l	a	
406.187	485.606	i	b	e	y	e	r	E	s	
21.43	0	s	o	t	r	E	s	o	t	
0	0	m	l	a	m	g	n	m	l	
0	0	i	b	e	y	e	r	E	s	
0	0	E	s	o	t	r	E	s	t	
0	13.238	n	m	l	a	g	n	m	i	
0	40.94	e		i	b	y	e		b	
0	22.219	r	E	s	o	t	r	E	s	
5.368	0	g	n	m	l	a	m	g	n	
0	0	y	e		i	b	e	y	r	
2.466	9.231	m	g	y	e	r	E	s	o	
0	0	e	y	e	r	E	s	o	t	
0	0	t		E	s	o	t	a		
0	0	a	m	g	n	m	l	a		
0	0	b	e	y	e	r	E	s	o	
7.475	0	o	t		E	s	o	t	a	
7.475	0	l	a	m	g	n	m	l	i	
26.465	4.128	i	b	e	y	e	r	E	s	
4.973	0	s	o	t	E	s	o	t	o	
0	0	m	l	a	m	g	n	m	l	
0	0	i	b	e	y	e	r	E	s	
0	0	E	s	o	t	r	E	s	t	
0	0	n	m	l	a	m	g	n	i	
16.358	146.977	e		i	b	e	y	e	r	
125.953	12.248	r	E	s	o	t	a	m	g	
0	0	g	n	m	l	a	e	y	r	
12.321	0	y	e		i	b	e	y	r	
16.274	382.971	m	g	y	e	r	E	s	o	
10.762	3.504	e	y	e	r	E	s	o	t	
4.88	0	t		E	s	o	t	a	m	
0	0	a	m	g	n	m	l	a	g	
1.636	0	b	e	y	c	r	E	s	o	
9.952	0	o	t		E	s	o	t	a	
6.395	0	l	a	m	g	n	m	l	a	
0	0	i	b	e	y	e		i	b	



0	0	E	s	o	t	r	E	s	olism	Energy
0	17.75	n	m	l	a	g	n	m	metabolism	Energy
0	7 0	e		i	b	y	e		metabolism	Energy
0	52.48	r	E	s	o	t	r	E	metabolism	Energy
0	2 0	g	n	m	i	a	g	n	metabolism	Energy
0		y	e		b		y	e	metabolism	Energy
0		r	E	s	o	t	r	r	metabolism	Energy
0		g	n	m	l	a	g	g	metabolism	Energy
0		y	e		i	b	y	y	metabolism	Energy
11.485		m			b		m		metabolism	Energy
0		e			a		o	t	metabolism	Energy
0		t			m		l	a	metabolism	Energy
0		a	m		g		i	b	metabolism	Energy
0		b	e		y		s	o	metabolism	Energy
0		o	t		r		m	l	metabolism	Energy
0		l	a		g		i	a	metabolism	Energy
0		i	b		y		b	b	metabolism	Energy
0		s	o		t		E	s	metabolism	Energy
0		m	l		a		s	o	metabolism	Energy
0		i	a		b		n	l	metabolism	Energy
0		E	s		m		g	i	metabolism	Energy
0		n	m		l		r	s	metabolism	Energy
0		e			a		g	m	metabolism	Energy
0		r	E		b		y		metabolism	Energy
0		g	n		t		m		metabolism	Energy
0		y	e		a		g		metabolism	Energy
666.387		m	g		s		t		metabolism	Energy
0		e	y		n		a		metabolism	Energy
2.851		t			r		b		metabolism	Energy
0		a	m		g		o		metabolism	Energy
0		b	e		y		l		metabolism	Energy
0		o	t		r		a		metabolism	Energy
0		l	a		g		s		metabolism	Energy
0		i	b		y		m		metabolism	Energy
0		s	o		t		r		metabolism	Energy
0		m	l		a		g		metabolism	Energy
0		i	a		b		y		metabolism	Energy
0		E	s		o		r		metabolism	Energy
7.896		n	m		l		g		metabolism	Energy
0		e			a		y		metabolism	Energy
0		r	E		s		r		metabolism	Energy
0		g	n		o		g		metabolism	Energy
0		y	e		m		e		metabolism	Energy
9.859		m	g		s		t		metabolism	Energy
0		e	y		o		a		metabolism	Energy
0		t			r		o		metabolism	Energy
0		a	m		g		t		metabolism	Energy
0		b	e		y		a		metabolism	Energy
0		o	t		r		b		metabolism	Energy
157.913		l	a		g		s		metabolism	Energy
1430.98		i	b		y		o		metabolism	Energy
1 600.99		s	o		t		l		metabolism	Energy
0		m	l		a		a		metabolism	Energy
0		i	b		m		s		metabolism	Energy
55.27		E	s		o		r		metabolism	Energy
296.373		n	m		l		g		metabolism	Energy
9.25		e			a		y		metabolism	Energy
8.406		r	E		s		e		metabolism	Energy
8.406		g	n		m		r		metabolism	Energy
0		y	e		l		g		metabolism	Energy
0		0	r		a		y		metabolism	Energy
0		m	g		n		r		metabolism	Energy
0		e	y		s		g		metabolism	Energy
25.411		t			r		e		metabolism	Energy
25.411		a	m		g		s		metabolism	Energy
2039.67		b	e		y		m		metabolism	Energy
2		o	t		r		g		metabolism	Energy
2210.78		l	a		g		y		metabolism	Energy
5.8479		i	b		y		r		metabolism	Energy
0		s	o		e		e		metabolism	Energy
0		m	l		t		r		metabolism	Energy
442.157		E	s		o		g		metabolism	Energy
11.854		n	m		l		y		metabolism	Energy
9.289		e			a		r		metabolism	Energy
15.194		r	E		s		g		metabolism	Energy
0		g	n		m		y		metabolism	Energy
54.086		y	e		l		r		metabolism	Energy
0		14.497			a		g		metabolism	Energy
0		m	g		s		y		metabolism	Energy
0		e	y		n		r		metabolism	Energy
0		t			r		g		metabolism	Energy
114.548		a	m		g		y		metabolism	Energy
0		b	e		y		r		metabolism	Energy
14.641		o	t		r		g		metabolism	Energy
8.687		l	a		g		y		metabolism	Energy
0		i	b		y		e		metabolism	Energy
14.172		s	o		t		r		metabolism	Energy
67.15		m	l		a		g		metabolism	Energy
67.15		E	s		b		y		metabolism	Energy
9.135		n	m		o		r		metabolism	Energy
39.129		e			t		g		metabolism	Energy
0		r	E		s		y		metabolism	Energy
36.542		g	n		m		t		metabolism	Energy
0		y	e		l		a		metabolism	Energy
8.914		m	g		n		b		metabolism	Energy
9.192		e	y		e		t		metabolism	Energy
14.356		t			r		g		metabolism	Energy
14.356		a	m		g		y		metabolism	Energy
0		b	e		y		r		metabolism	Energy
661.495		l	a		m		g		metabolism	Energy
0		i	b		e		y		metabolism	Energy

smr0001	1009.043	879.916	0	858.333	802.468	645.848	126.786	36.907	0	Energy metabolism
sll1224	1098.322	961.657	67.416	1128.933	1137.748	828.191	0	138.753	3406.784	Energy metabolism
smr0008	1587.748	879.916	0	998.317	711.377	344.452	50.714	0	0	Energy metabolism
sll1994	24.509	14.604	0	27.688	25.918	0	0	0	0	Fatty acid and phospholipid metabolism
sll1329	25.978	12.221	0	21.373	19.279	23.92	0	2.05	0	Fatty acid and phospholipid metabolism
sll0482	36.675	17.253	0	30.934	17.01	0	0	0	0	Fatty acid and phospholipid metabolism
sll1039	57.455	45.124	13.181	60.126	50.421	58.881	0	2.524	0	Fatty acid and phospholipid metabolism
sll1709	58.512	42.406	12.387	41.132	25.085	27.667	0	0	0	Fatty acid and phospholipid metabolism
sll0054	60.089	0	0	49.669	39.433	0	0	0	25.123	Fatty acid and phospholipid metabolism
sll1605	61.643	0	258.562	69.381	62.338	41.252	0	31.824	0	Fatty acid and phospholipid metabolism
sll1825	63.718	33.362	0	63.984	65.785	65.299	0	0	0	Fatty acid and phospholipid metabolism
sll0330	64.908	27.074	11.863	62.27	45.379	26.496	0	0	0	Fatty acid and phospholipid metabolism
sll1522	74.379	78.215	0	62.646	61.691	76.545	0	0	0	Fatty acid and phospholipid metabolism
sll2089	88.373	86.905	66.636	81.82	115.671	42.525	6.261	430.122	20.47	Fatty acid and phospholipid metabolism
sll2023	91.268	95.773	20.981	76.182	84.983	46.864	6.9	0	0	Fatty acid and phospholipid metabolism
sll1441	96.568	97.768	17.135	104.027	111.815	114.817	0	447.801	12.282	Fatty acid and phospholipid metabolism
sll0728	105.969	43.054	18.864	107.407	103.998	63.202	0	0	0	Fatty acid and phospholipid metabolism
sll0053	131.299	141.1	0	92.508	132.932	107.402	99.396	3.945	0	Fatty acid and phospholipid metabolism
sll1511	139.019	116.968	37.272	171.744	132.096	124.877	0	0	0	Fatty acid and phospholipid metabolism
sll1993	142.554	128.768	30.905	126.414	126.956	67.21	4.948	1.44	0	Fatty acid and phospholipid metabolism
sll2124	164.485	154.865	24.674	185.387	130.477	110.225	0	49.603	0	Fatty acid and phospholipid metabolism
sll1916	165.591	111.539	10.86	119.116	168.619	72.772	278.572	6.238	0	Fatty acid and phospholipid metabolism
sll0336	170.996	139.925	94.32	185.076	133.712	189.607	6.204	0	0	Fatty acid and phospholipid metabolism
sll1848	189.419	77.869	27.294	121.763	162.758	30.483	0	0	19.564	Fatty acid and phospholipid metabolism
sst2084	204.098	90.248	39.542	156.505	169.058	88.321	0	0	56.687	Fatty acid and phospholipid metabolism
sll0886	328.22	198.691	49.746	213.371	204.29	111.114	0	0	0	Fatty acid and phospholipid metabolism
sll1369	427.64	299.291	41.963	378.095	323.407	210.889	27.6	6.026	0	Fatty acid and phospholipid metabolism
sll1932	456.33	470.3	26.589	501.656	487.614	237.553	655.789	15.272	0	Fatty acid and phospholipid metabolism
sll0435	464.18	317.905	0	362.084	322.387	133.336	143.963	11.429	0	Fatty acid and phospholipid metabolism
sll0553	11.868	0	0	9.568	2.006	19.911	0	0	0	hypothetical protein
sll0269	19.974	25.505	0	26.988	35.204	0	0	0	0	hypothetical protein
sll0885	22.853	36.663	32.128	16.973	14.459	0	0	49.209	0	hypothetical protein
sll1917	23.392	23.232	0	24.241	16.034	22.736	0	0	0	hypothetical protein
sll1599	24.406	18.623	0	30.105	25.705	0	0	3.124	0	hypothetical protein
sll1821	28.51	0	0	30.303	22.693	0	0	3.218	12.048	hypothetical protein
sll1738	29.339	0	0	21.404	32.906	0	0	0	0	hypothetical protein
sll1025	34.21	26.868	0	42.776	35.319	70.118	0	1.503	0	hypothetical protein
sll0981	37.702	18.722	0	31.366	36.916	36.644	0	0	0	hypothetical protein
sst3692	39.775	35.552	31.154	33.962	21.031	0	389.322	23.859	0	hypothetical protein
sll1394	41.82	23.156	0	30.627	27.396	45.323	0	0	0	hypothetical protein
sll0061	42.299	81.853	0	42.905	91.461	53.403	0	0	0	hypothetical protein
sll1807	44.23	26.868	0	40.67	23.841	78.882	0	0	0	hypothetical protein
sst1391	52.064	37.443	0	55.578	51.683	0	0	0	0	hypothetical protein
sll1390	52.428	42.236	0	45.519	55.522	55.112	0	2.362	0	hypothetical protein
sll0948	55.212	81.474	0	51.966	35.344	31.894	0	0	0	hypothetical protein
sll0141	56.373	22.562	13.181	53.826	50.421	88.321	0	0	0	hypothetical protein
sll0488	57.356	120.773	15.119	60.854	78.248	0	0	0	0	hypothetical protein
sll0821	60.344	95.991	0	55.018	37.856	62.628	0	0	0	hypothetical protein
sll0565	62.983	43.186	9.461	53.63	38.32	42.264	0	10.868	0	hypothetical protein
sll1507	66.07	87.748	187.962	87.118	86.513	19.083	112.386	1.636	12.248	hypothetical protein
sll1338	70.247	70.043	30.689	50.954	72.51	34.274	0	0	0	hypothetical protein
sst1558	72.585	113.538	33.164	60.625	52.239	74.076	0	0	0	hypothetical protein
sll0383	72.798	75.287	0	65.833	66.805	36.84	0	0	0	hypothetical protein
sll1449	72.848	35.197	107.95	50.95	48.582	68.89	0	165.342	44.216	hypothetical protein
sll1566	73.016	17.776	0	75.108	80.619	69.586	0	0	0	hypothetical protein
sll0670	76.867	72.322	327.44	69.086	68.927	23.593	0	0	0	hypothetical protein
sll1472	81.823	85.325	0	64.266	79.918	0	0	0	0	hypothetical protein
sll0299	82.711	74.569	26.138	90.302	73.52	87.573	0	0	0	hypothetical protein
sll0847	84.658	104.544	15.269	93.978	82.459	34.104	0	0	0	hypothetical protein
sst2723	85.83	72.57	0	52.793	42.929	0	0	0	0	hypothetical protein
sll1938	88.516	51.76	0	61.362	37.423	0	0	0	0	hypothetical protein
sll0514	95.985	44.392	5.557	78.102	67.527	86.889	69.447	22.343	0	hypothetical protein
sll0207	96.598	117.105	79.815	110.432	88.517	25.468	179.984	1.092	89.903	hypothetical protein
sll0806	101.639	87.992	70.097	75.356	69.403	93.942	0	0	0	hypothetical protein
sll1736	108.551	109.99	0	101.028	103.02	0	0	0	0	hypothetical protein
sll0898	109.162	76.101	16.672	95.204	103.166	74.476	0	1.596	0	hypothetical protein
sll1183	110.199	108.297	0	143.773	138.805	141.314	83.224	342.191	0	hypothetical protein
sll0765	113.781	148.076	4.991	124.126	105.564	11.147	82.062	0.956	0	hypothetical protein
sll1242	115.649	91.76	0	98.733	103.393	51.315	94.44	3.299	8.234	hypothetical protein
sll0305	122.686	217.884	44.061	116.507	49.573	295.245	0	0	0	hypothetical protein
sll1173	126.512	100.562	12.589	104.508	144.471	112.474	0	0	0	hypothetical protein
sll1235	132.214	167.603	0	113.657	132.196	23.432	20.7	12.051	0	hypothetical protein
sll0267	135.811	75.421	11.015	163.861	188.379	73.811	7.245	497.713	31.583	hypothetical protein
sll1913	146.258	111.456	15.421	136.902	123.768	126.299	6.762	480.279	22.108	hypothetical protein
sll0175	146.924	104.094	119.722	142.94	139.832	127.339	3.75	0	0	hypothetical protein
sll1417	147.015	88.731	0	96.498	69.986	173.673	0	0	0	hypothetical protein
sll2092	150.289	236.395	23.017	166.373	113.945	205.643	0	0	0	hypothetical protein
sll1623	151.699	86.549	0	150.091	142.219	56.468	99.766	0	0	hypothetical protein
sst1513	152.566	159.985	747.704	170.07	210.311	104.379	0	0	0	hypothetical protein
sll1573	156.023	119.536	244.414	159.278	191.185	77.989	61.24	2.228	0	hypothetical protein
sll1565	160.865	92.623	0	139.298	170.463	120.86	0	0	77.571	hypothetical protein
sll1614	162.693	207.039	60.476	109.031	142.888	202.619	0	0	0	hypothetical protein
sll0543	165.362	141.731	41.4	159.692	121.105	0	0	0	0	hypothetical protein
sll0364	169.965	150.843	44.061	120.079	118.976	98.415	0	8.436	0	hypothetical protein
sll0471	170.813	118.179	13.508	146.419	143.871	120.684	0	2.586	0	hypothetical protein
sll0037	175.27	114.885	45.761	133.076	142.1	61.327	138.449	0	0	hypothetical protein
sll0524	176.796	157.128	6.885	141.093	127.032	92.264	131.314	293.935	0	hypothetical protein
sll1737	180.196	106.363	0	146.51	146.813	37.852	22.292	8.111	12.147	hypothetical protein
sll0597	184.469	140.412	73.826	137.707	119.978	128.253	0	4.711	0	hypothetical protein
sll1236	186.773	138.414	0	180.751	144.264	116.108	0	315.158	24.84	hypothetical protein
sll0064	189.216	82.278	24.033	212.682	176.661	178.936	0	1.534	11.485	hypothetical protein
sll0709	190.231	134.338	0	252.314	217.214	262.941	0	2330.473	270.02	hypothetical protein
sll0096	194.569	133.261	27.477	217.965	163.846	138.088	58.734	65.758	19.695	hypothetical protein
sll1677	195.305	180.716	30.164	178.576	157.81	151.593	0	0	10.811	hypothetical protein
sll1040	197.988	147.036	24.159	171.791	156.745	170.877	5.297	309.9	11.545	hypothetical protein
sll0451	198.52	181.66	139.29	201.899	143.283	44.445	0	0	0	hypothetical protein
sll0317	199.035	122.211	0	197.566	216.883	143.522	0	0	0	hypothetical protein
sll1474	203.345	195.537	91.386	212						

slr1343	247.069	174.241	171.009	234.766	338.08	68.208	212.9	7.016	8.756	hypothetical protein
sl0615	290.506	119.022	14.9	198.409	164.286	133.122	29.4	15259.034	1025.292	hypothetical protein
sl1135	305.279	157.597	0	277.006	275.539	143.95	0	1.763	0	hypothetical protein
slr0846	311.529	200.487	0	326.399	294.302	218.008	0	3.737	0	hypothetical protein
sl0586	313.725	266.772	0	262.552	252.836	185.28	282.711	4.331	0	hypothetical protein
slr0376	322.615	60.165	52.723	56.147	83.046	58.881	0	5.047	37.791	hypothetical protein
slr1927	327.43	181.604	7.578	254.819	283.067	169.264	0	0	0	hypothetical protein
sl0933	329.736	221.363	19.398	263.511	218.247	303.291	0	0	0	hypothetical protein
sl11495	348.827	194.554	309.978	278.776	230.18	173.092	0	492.583	44.438	hypothetical protein
sl11769	355.032	99.613	0	338.173	458.319	454.937	0	0	0	hypothetical protein
slr1978	421.707	458.039	52.813	513.543	446.839	424.667	6.947	673.42	45.427	hypothetical protein
sl0499	515.112	404.261	107.251	360.34	324.708	232.297	4.275	24.89	0	hypothetical protein
slr1083	1585.6	1005.618	135.573	990.757	1033.413	681.334	245.212	19.467	24.294	hypothetical protein
slr0482	6.226	0	0	7.974	5.486	27.229	0	0	0	Hypothetical proteins
sl11240	7.477	0	0	5.893	4.393	0	0	0	0	Hypothetical proteins
sl0371	7.651	6.743	0	6.639	11.966	0	0	0	0	Hypothetical proteins
ssr2201	8.477	0	0	12.754	9.507	0	0	0	0	Hypothetical proteins
sl0481	9.376	0	0	7.958	17.796	0	169.048	7.571	0	Hypothetical proteins
sl11476	11.469	0	0	8.537	13.476	0	0	0	0	Hypothetical proteins
slr0059	12.685	0	0	16.735	13.608	67.54	0	0	0	Hypothetical proteins
sl0552	12.982	0	0	11.937	12.32	0	0	0	0	Hypothetical proteins
sl11988	12.996	0	0	13.828	9.162	0	0	3.898	0	Hypothetical proteins
slr0852	13.375	24.613	86.274	9.767	19.413	48.175	0	0	0	Hypothetical proteins
ssl3446	14.063	0	0	9.483	11.567	0	0	0	0	Hypothetical proteins
sl0522	14.205	0	103.848	14.63	18.694	0	0	0	0	Hypothetical proteins
sl0857	14.974	0	0	14.141	4.993	0	0	0	0	Hypothetical proteins
ssl1045	15.544	0	0	24.502	9.132	0	0	0	0	Hypothetical proteins
sl0839	15.626	0	0	17.765	14.021	34.793	0	0	0	Hypothetical proteins
sl11630	15.846	49.573	0	19.306	14.663	0	14.286	0	0	Hypothetical proteins
ssl1765	15.883	0	0	18.865	8.165	0	0	0	0	Hypothetical proteins
sl1135	15.949	0	12.923	10.764	17.448	0	0	0	18.526	Hypothetical proteins
slr1097	16.121	21.461	0	10.408	16.927	0	0	0	0	Hypothetical proteins
slr1964	16.251	52.143	0	16.093	10.282	0	0	0	0	Hypothetical proteins
slr2117	16.691	0	0	18.758	15.253	37.852	0	9.734	0	Hypothetical proteins
slr0919	17.024	0	0	15.994	31.962	0	0	0	0	Hypothetical proteins
slr2110	17.764	0	0	10.89	12.176	60.43	0	0	0	Hypothetical proteins
sl11915	18.038	19.129	0	17.711	7.544	37.44	0	0	0	Hypothetical proteins
sl0180	18.49	7.011	0	18.238	12.443	13.723	0	1.176	8.808	Hypothetical proteins
slr2111	18.514	0	0	16.369	17.57	0	0	0	0	Hypothetical proteins
sl0815	18.68	26.564	0	23.033	28.809	25.996	22.965	0	0	Hypothetical proteins
ssl2162	18.751	48.884	0	18.679	28.918	0	0	0	0	Hypothetical proteins
slr0519	18.937	34.848	0	20.998	61.844	0	0	0	0	Hypothetical proteins
ssl1155	19.027	51.76	0	10.65	10.206	0	0	0	0	Hypothetical proteins
slr0251	19.122	27.823	0	13.698	16.459	0	0	0	0	Hypothetical proteins
slr0105	19.318	15.204	6.662	21.003	14.99	14.879	0	1.275	0	Hypothetical proteins
sl11643	19.644	18.623	0	18.063	58.754	0	0	0	0	Hypothetical proteins
slr0871	19.777	27.497	0	20.61	5.422	0	31.696	161.467	34.544	Hypothetical proteins
sl0403	20.347	0	0	24.579	9.844	0	0	4.188	0	Hypothetical proteins
slr0729	20.406	0	0	23.835	13.608	0	0	0	0	Hypothetical proteins
sl0573	20.905	0	0	26.562	42.204	0	0	3.99	149.377	Hypothetical proteins
ssl0331	21.095	0	0	46.554	26.026	0	0	0	0	Hypothetical proteins
slr1066	21.13	17.511	0	18.915	8.632	17.137	0	8.814	10.999	Hypothetical proteins
ssl0461	21.43	0	0	30.789	24.787	0	0	0	0	Hypothetical proteins
slr1260	21.49	19.773	0	24.991	15.596	0	0	0	0	Hypothetical proteins
slr1045	21.521	26.664	0	11.56	23.66	0	0	0	0	Hypothetical proteins
ssl2148	21.592	35.552	0	28.737	14.021	0	0	0	0	Hypothetical proteins
slr2136	21.861	17.424	0	18.949	10.307	0	0	2.923	0	Hypothetical proteins
slr0445	21.861	0	0	21.818	13.157	0	0	0	0	Hypothetical proteins
sl0044	22.224	0	0	17.561	4.284	0	0	0	0	Hypothetical proteins
sl1182	22.249	0	0	23.547	20.717	0	0	0	0	Hypothetical proteins
ssl1004	22.38	0	0	13.905	14.925	0	0	44.447	0	Hypothetical proteins
slr1069	22.42	0	0	24.739	35.204	0	0	12.837	0	Hypothetical proteins
sl0010	22.59	0	0	19.957	5.465	0	0	0	0	Hypothetical proteins
slr0668	22.627	19.663	51.692	21.095	11.632	0	0	0	0	Hypothetical proteins
ssl1563	22.805	23.782	10.42	18.873	11.723	0	0	0	0	Hypothetical proteins
slr1926	23.104	31.426	0	21.476	46.475	0	0	0	0	Hypothetical proteins
ssl1606	23.314	26.766	23.455	39.139	29.028	26.194	0	0	0	Hypothetical proteins
slr1327	23.665	24.274	0	30.322	33.505	47.511	0	0	60.987	Hypothetical proteins
ssl3383	24.109	0	0	32.968	22.88	0	0	0	0	Hypothetical proteins
slr0273	24.666	55.515	0	34.103	30.651	0	0	0	0	Hypothetical proteins
ssl2786	24.818	0	0	31.949	51.031	0	0	8.684	0	Hypothetical proteins
sl0722	25.405	64.879	42.64	39.569	41.578	0	0	0	0	Hypothetical proteins
slr1717	25.931	13.084	0	36.151	25.8	51.22	0	0	0	Hypothetical proteins
ssl2009	25.963	0	0	19.895	22.88	0	0	0	0	Hypothetical proteins
slr1210	25.963	27.074	23.725	25.067	48.048	105.985	0	0	0	Hypothetical proteins
slr0695	26.187	0	0	19.026	7.977	39.592	0	0	0	Hypothetical proteins
slr1241	26.672	30.342	0	17.391	29.915	0	0	0	0	Hypothetical proteins
slr0590	27.303	29.453	90.334	37.009	23.231	0	8.488	0	0	Hypothetical proteins
ssl1951	27.65	0	0	15.781	23.526	0	0	0	0	Hypothetical proteins
slr2103	27.65	23.862	0	23.671	25.879	23.353	213.172	8.007	0	Hypothetical proteins
sl11263	28.036	33.952	0	32.766	22.316	44.303	0	0	0	Hypothetical proteins
slr1702	28.35	27.934	0	20.937	33.049	54.675	0	0	0	Hypothetical proteins
slr1464	28.55	39.695	0	37.92	23.482	51.797	0	0	0	Hypothetical proteins
slr1870	28.577	42.236	0	20.484	30.537	0	0	0	0	Hypothetical proteins
ssl3382	28.603	0	0	24.548	35.289	0	0	0	0	Hypothetical proteins
slr1770	28.629	31.426	0	35.562	24.787	0	0	0	0	Hypothetical proteins
sl11686	28.644	14.395	0	27.185	15.612	14.088	0	4.83	18.084	Hypothetical proteins
slr0960	28.701	0	20.981	24.983	14.164	0	0	0	0	Hypothetical proteins
ssl1503	28.734	34.574	6.059	27.438	20.453	27.069	0	5.801	0	Hypothetical proteins
slr1437	28.873	31.147	0	32.043	24.567	60.965	0	0	0	Hypothetical proteins
slr1628	29.168	0	0	18.008	15.423	0	0	0	0	Hypothetical proteins
ssl2130	29.466	55.868	0	12.316	44.065	0	0	0	0	Hypothetical proteins
sl11062	29.466	55.868	0	26.684	44.065	0	0	0	0	Hypothetical proteins
slr2038	29.552	32.439	14.213	31.465	19.19	0	0	0	0	Hypothetical proteins
ssl0259	29.647	0	0	18.873	9.379	0	0	0	0	Hypothetical proteins
slr0077	29.797	0	0	24.573	16.485	32.727	0	0	0	Hypothetical proteins
slr1907	30.002	19.554	0	22.415	26.99	38.272	0	0	0	Hypothetical proteins
sl0659	30.009	26.919	5.897	35.605	34.502	13.172	0	0	0	Hypothetical proteins
ssl2471	30.21	0	0	30.653	25.705	0	0	0	0	Hypothetical proteins
slr0232	30.31	48.215	0	27.871	31.691	0	0	0	0	Hypothetical proteins
slr0608	30.537	33.521	0	18.72	6.61	0	0	0	0	Hypothetical proteins
slr1400	30.594	30.874	216.441	44.92	60.88	0	0	0	0	Hypothetical proteins
slr2049	30.604	18.237	0	25.997	25.172	35.695	0	0	0	Hypothetical proteins
sl1155	31.087	30.874	0	30.854	12.176	0	0	0	0	Hypothetical proteins
sl11532	31.311	49.807	0	37.087	13.095	0	0	0	0	Hypothetical proteins

sll0669	31.544	32.894	0	35.773	51.89	0	0	0	0	Hypothetical proteins
sll0877	31.881	30.807	0	31.692	39.485	45.223	4.439	100.787	0	Hypothetical proteins
sll0698	31.937	113.538	0	41.381	44.776	0	0	0	28.526	Hypothetical proteins
ssr2062	33.499	0	0	19.761	0	0	0	0	695.528	Hypothetical proteins
sll0863	33.584	78.798	115.085	36.672	36.255	0	0	0	0	Hypothetical proteins
sll1674	33.656	30.083	421.782	29.179	17.796	58.881	0	0	0	Hypothetical proteins
sll0812	34.014	0	0	21.452	32.28	0	0	0	0	Hypothetical proteins
sll0878	34.072	42.923	0	32.381	16.927	0	0	0	0	Hypothetical proteins
sll0147	34.558	48.05	0	24.539	18.95	0	0	0	0	Hypothetical proteins
sll0738	34.677	48.215	42.25	32.595	9.507	0	0	0	0	Hypothetical proteins
sll1671	34.94	21.861	0	33.735	34.486	128.367	0	0	0	Hypothetical proteins
sll0106	34.949	14.977	0	46.444	23.626	0	146.748	32.666	0	Hypothetical proteins
sll0189	35.019	23.309	40.851	31.173	13.789	45.623	0	0	0	Hypothetical proteins
sll0750	35.308	37.443	0	26.413	29.533	0	0	0	0	Hypothetical proteins
sll1488	35.475	47.563	0	34.018	31.262	31.032	0	0	0	Hypothetical proteins
sll0526	35.562	40.456	0	33.89	31.909	26.395	7.772	0	0	Hypothetical proteins
sll0205	35.716	27.934	24.478	23.4	11.016	0	0	0	0	Hypothetical proteins
sll1707	35.737	82.816	0	40.164	24.495	0	0	0	0	Hypothetical proteins
sll1131	35.798	24.613	0	31.832	19.413	0	0	0	0	Hypothetical proteins
sll1658	36.087	44.273	0	33.508	21.825	129.982	0	0	0	Hypothetical proteins
sll0022	36.292	28.384	0	49.223	67.164	0	49.078	0	0	Hypothetical proteins
sll1415	36.345	34.282	0	47.528	42.813	0	0	0	0	Hypothetical proteins
sll0402	36.348	18.05	0	49.604	42.709	0	0	0	0	Hypothetical proteins
sll0572	36.737	71.83	41.963	33.077	42.491	0	0	0	0	Hypothetical proteins
sll1912	36.902	28.157	0	43.864	16.657	0	0	0	0	Hypothetical proteins
ssr1766	37.259	45.71	0	37.619	27.04	0	0	0	0	Hypothetical proteins
sll2013	37.598	71.83	0	35.364	31.869	0	0	0	0	Hypothetical proteins
sll1628	37.697	18.284	0	48.367	34.251	35.787	0	0	0	Hypothetical proteins
sll0292	37.802	14.079	0	41.795	36.089	27.556	0	0	0	Hypothetical proteins
sll1638	37.877	23.464	0	38.277	41.642	0	0	0	0	Hypothetical proteins
sll1686	38.03	0	0	25.863	34.213	0	0	0	0	Hypothetical proteins
sll1654	38.096	0	0	30.774	52.711	0	0	0	0	Hypothetical proteins
sll1505	38.172	62.851	0	33.253	49.573	61.509	0	0	0	Hypothetical proteins
sll1119	38.223	45.124	13.181	61.232	32.625	0	0	0	0	Hypothetical proteins
sll1239	38.34	19.663	68.922	21.673	15.509	0	0	0	0	Hypothetical proteins
sll1365	38.457	51.195	0	37.807	37.856	0	0	0	0	Hypothetical proteins
sll1384	38.459	62.851	23.604	42.357	40.721	0	15.525	0	0	Hypothetical proteins
sll2781	38.632	84.811	0	30.537	0	83.001	0	0	0	Hypothetical proteins
sll0544	38.737	42.152	9.234	44.912	37.403	0	0	0	0	Hypothetical proteins
ssr3189	39.176	0	0	36.947	24.787	0	0	0	0	Hypothetical proteins
sll0740	39.207	0	0	33.7	47.32	0	0	0	0	Hypothetical proteins
sll1512	39.295	25.88	0	60.474	20.413	50.655	0	4.342	0	Hypothetical proteins
sll1819	39.31	63.608	0	30.537	39.718	20.75	0	1.779	0	Hypothetical proteins
sll1289	39.81	0	0	38.198	53.387	0	0	0	0	Hypothetical proteins
sll0808	39.922	0	0	53.951	63.433	37.038	0	0	0	Hypothetical proteins
sll1792	39.94	35.197	0	38.795	20.821	68.89	0	0	0	Hypothetical proteins
sll1342	39.983	31.566	0	34.562	28.01	0	18.193	0	0	Hypothetical proteins
sll1275	40.068	24.699	64.932	36.118	26.787	72.516	49.825	4.144	0	Hypothetical proteins
sll1274	40.228	102.316	0	28.57	32.28	40.053	0	0	0	Hypothetical proteins
sll0941	40.29	47.563	0	37.397	23.447	0	0	0	0	Hypothetical proteins
sll1285	40.309	67.255	9.823	40.03	35.364	21.94	0	7.522	0	Hypothetical proteins
sll1562	40.4	63.994	0	51.256	37.856	62.628	0	0	40.196	Hypothetical proteins
sll0780	40.658	34.848	1618.482	39.947	89.33	68.208	0	514.501	43.778	Hypothetical proteins
sll0103	40.851	31.426	0	31.097	35.114	0	0	0	0	Hypothetical proteins
sll1188	40.911	0	0	41.695	42.062	0	1303.205	28.631	53.595	Hypothetical proteins
sll1504	40.961	34.171	0	32.643	20.214	0	0	0	0	Hypothetical proteins
sll1399	41.001	43.777	7.672	58.803	43.161	51.411	0	0	0	Hypothetical proteins
sll1348	41.123	12.137	0	38.17	38.291	0	0	0	0	Hypothetical proteins
sll1255	41.252	78.215	137.079	56.899	84.825	0	360.635	13.122	0	Hypothetical proteins
ssr1038	41.3	0	117.124	32.083	17.57	0	0	0	0	Hypothetical proteins
sll1797	41.386	50.281	0	44.337	29.744	49.207	0	0	0	Hypothetical proteins
sll2972	41.45	123.497	0	39.929	36.528	0	0	0	0	Hypothetical proteins
sll0008	41.694	0	18.143	40.164	28.578	40.524	0	0	0	Hypothetical proteins
ssr2061	41.716	39.547	0	23.248	23.394	154.81	0	0	0	Hypothetical proteins
sll0068	41.872	45.415	261.169	36.959	40.298	27.778	0	0	0	Hypothetical proteins
sll1433	42.002	40.225	5.875	37.046	33.049	39.366	266.613	4.499	8.422	Hypothetical proteins
sll0844	42.151	39.216	8.591	36.453	30.932	19.19	16.952	0	0	Hypothetical proteins
sll0804	42.252	31.01	0	38.282	36.689	15.174	0	0	0	Hypothetical proteins
sll1934	42.284	23.622	20.7	36.799	23.289	0	0	0	0	Hypothetical proteins
sll2733	42.373	0	0	48.367	45.067	89.468	0	0	0	Hypothetical proteins
sll1834	42.502	26.072	0	39.465	25.705	0	0	0	0	Hypothetical proteins
sll1526	42.606	27.769	12.167	50.706	41.067	13.588	0	119.965	8.721	Hypothetical proteins
sll0007	42.776	18.332	0	46.069	57.836	107.641	0	0	0	Hypothetical proteins
sll0909	42.782	46.825	0	50.235	60.016	45.825	40.482	1.309	0	Hypothetical proteins
sll1186	43.032	32.439	0	27.174	15.991	0	0	5.442	0	Hypothetical proteins
sll1306	43.405	36.211	6.346	40.444	31.417	14.175	0	0	0	Hypothetical proteins
sll1530	43.641	87.678	0	39.393	39.518	73.549	0	0	0	Hypothetical proteins
sll1714	43.659	26.266	0	19.687	25.897	0	0	0	0	Hypothetical proteins
sll0483	43.659	52.532	0	91.1	41.434	0	0	0	461.955	Hypothetical proteins
sll0241	43.686	87.368	10.937	60.714	59.066	24.429	0	0	0	Hypothetical proteins
sll2101	43.753	24.442	21.419	40.232	48.196	95.681	0	0	0	Hypothetical proteins
sll1926	44.309	0	0	28.697	14.261	0	0	0	1877.653	Hypothetical proteins
sll2037	44.479	0	30.74	49.836	55.338	68.662	0	0	14.69	Hypothetical proteins
ssr2067	44.564	45.71	0	30.901	27.04	0	0	0	0	Hypothetical proteins
sll1407	44.615	84.957	31.906	36.922	35.898	23.755	0	0	0	Hypothetical proteins
sll2027	44.761	15.138	13.266	49.057	41.791	44.445	0	50.796	0	Hypothetical proteins
sll0843	45.187	28.85	67.416	40.985	53.095	18.823	0	259.758	36.242	Hypothetical proteins
sll0168	45.509	21.861	9.579	36.787	48.496	53.486	12.6	0	0	Hypothetical proteins
sll1104	45.534	28.662	5.023	45.829	46.344	33.66	0	0	0	Hypothetical proteins
sll0658	45.684	127.988	37.385	42.008	42.062	83.504	0	0	0	Hypothetical proteins
sll3304	45.765	0	0	22.795	35.289	0	0	0	0	Hypothetical proteins
sll1101	45.836	0	0	56.835	47.125	42.525	12.522	506.669	27.294	Hypothetical proteins
sll0332	45.953	0	0	34.97	0	0	0	0	0	Hypothetical proteins
sll0013	46.345	19.998	35.049	53.49	43.377	39.142	69.156	0	0	Hypothetical proteins
sll3829	46.442	40.926	0	60.147	32.28	160.21	0	0	0	Hypothetical proteins
sll1990	46.445	43.813	0	41.424	23.038	0	0	0	0	Hypothetical proteins
sll1772	46.479	51.32	7.495	45.63	37.948	33.483	1025.379	27.983	10.745	Hypothetical proteins
sll0147	46.499	21.044	0	42.757	37.347	41.19	15.161	0	79.311	Hypothetical proteins
sll0563	46.656	16.681	0	30.153	16.446	32.65	0	0	0	Hypothetical proteins
sll1732	46.878	23.464	0	47.243	50.895	0	0	0	0	Hypothetical proteins
sll0810	46.878	87.992	0	46.123	28.918	57.409	0	0	0	Hypothetical proteins
sll0382	47.037	19.885	0	43.251	19.605	0	0	0	0	Hypothetical proteins
sll1336	47.054	66.053	0	52.697	55.82	18.469	0	0	0	Hypothetical proteins
sll1973	47.172	31.566	13.831	47.319	37.347	0	0	0	0	Hypothetical proteins
sll1945	47.39	49.418	0	41.316	33.564	10.747	0	0	6.898	Hypothetical proteins

slr0688	47.75	0	0	60.748	74.648	80.105	0	0	0	Hypothetical proteins
slr1258	47.771	55.868	24.478	44.132	33.049	0	0	0	0	Hypothetical proteins
slr0730	47.794	52.927	0	33.058	10.436	51.797	137.272	0	0	Hypothetical proteins
slr1576	47.842	32.894	0	51.243	19.459	0	0	0	0	Hypothetical proteins
slr1162	47.86	11.174	9.791	37.112	22.033	43.74	19.32	0	0	Hypothetical proteins
slr1961	48.01	63.336	0	48.402	33.898	17.71	62.578	4.554	0	Hypothetical proteins
slr1579	48.16	18.755	5.478	63.027	34.516	24.473	0	0	0	Hypothetical proteins
ssr0336	48.421	44.553	0	37.321	43.926	87.203	0	89.697	0	Hypothetical proteins
slr0882	49.417	44.553	0	47.274	31.627	0	0	0	0	Hypothetical proteins
ssl0511	49.435	53.328	0	93.264	63.093	0	0	0	0	Hypothetical proteins
slr1033	49.594	74.622	316.057	47.522	50.274	60.857	136.194	11.476	0	Hypothetical proteins
slr0291	49.658	48.547	0	58.504	52.65	47.511	0	0	0	Hypothetical proteins
slr1237	49.892	39.021	6.839	31.655	38.472	15.275	0	0	0	Hypothetical proteins
ssr0657	49.939	0	0	42.226	35.41	70.296	62.099	0	0	Hypothetical proteins
slr0865	50.095	20.826	9.125	69.172	43.12	20.382	0	0	0	Hypothetical proteins
slr1189	50.18	49.995	17.524	54.371	53.235	0	0	0	0	Hypothetical proteins
slr1243	50.602	52.878	23.168	48.521	40.403	45.28	1.905	0	0	Hypothetical proteins
sllo424	50.786	59.209	5.765	49.212	38.917	25.753	0	0	157.028	Hypothetical proteins
sl11439	50.796	26.266	23.017	39.374	31.076	0	0	0	32.997	Hypothetical proteins
sllo167	50.798	21.331	0	38.873	42.062	125.255	0	0	0	Hypothetical proteins
sllo732	50.98	36.663	0	44.722	39.762	35.88	0	0	0	Hypothetical proteins
ssr2708	51.045	0	114.233	34.484	12.852	0	0	0	0	Hypothetical proteins
slr0491	51.21	72.821	21.271	52.44	47.864	0	0	16.29	0	Hypothetical proteins
slr1920	51.527	38.154	0	53.829	54.544	0	0	0	11.983	Hypothetical proteins
slr0058	51.533	49.226	0	44.854	48.533	0	0	0	0	Hypothetical proteins
slr1207	51.556	13.669	0	43.189	39.081	53.507	0	0	0	Hypothetical proteins
slr0498	51.705	59.909	0	61.191	50.206	58.63	0	0	0	Hypothetical proteins
sllo436	51.812	46.311	0	41.517	50.226	45.323	0	0	0	Hypothetical proteins
sl11386	52.002	0	0	46.915	52.455	0	0	0	0	Hypothetical proteins
slr0456	52.008	66.409	0	63.113	39.285	43.327	0	25.997	0	Hypothetical proteins
sgl0001	52.034	0	0	45.26	86.753	172.226	0	0	0	Hypothetical proteins
slr1177	52.278	12.437	0	53.92	58.857	48.686	1053.712	33.386	31.248	Hypothetical proteins
ssl1533	52.4	48.215	0	78.652	57.043	0	0	0	0	Hypothetical proteins
slr1699	53.073	0	217.97	46.791	46.595	73.029	0	4.173	0	Hypothetical proteins
slr0407	53.14	12.988	0	46.191	28.171	50.842	0	0	0	Hypothetical proteins
slr0151	53.625	43.859	9.608	55.916	45.404	0	0	0	0	Hypothetical proteins
slr0587	53.719	63.417	0	75.026	31.262	124.127	0	0	0	Hypothetical proteins
slr1533	53.829	60.684	0	67.333	53.847	59.388	174.877	5.091	0	Hypothetical proteins
sllo296	53.847	18.822	0	61.684	37.114	0	0	0	23.645	Hypothetical proteins
slr0516	53.895	42.152	0	65.355	66.494	82.504	60.736	0	0	Hypothetical proteins
sllo529	54.409	38.466	33.708	41.48	44.562	75.29	0	0.807	0	Hypothetical proteins
sl11373	54.419	38.257	16.762	52.289	64.122	37.44	0	54.558	0	Hypothetical proteins
slr0316	54.549	79.992	0	61.131	65.722	104.379	0	46.972	16.748	Hypothetical proteins
slr1915	54.646	0	29.374	36.455	72.708	0	347.756	16.872	0	Hypothetical proteins
sl1118	54.705	0	28.296	34.642	38.203	63.202	0	0	0	Hypothetical proteins
sllo283	54.891	68.178	0	43.961	43.692	83.402	0	509.008	42.824	Hypothetical proteins
slr1383	55.218	21.593	56.766	69.497	42.578	0	0	0	0	Hypothetical proteins
ssr3129	55.346	0	0	37.543	55.97	0	0	0	0	Hypothetical proteins
slr0680	55.455	24.962	0	42.188	34.455	97.717	0	0	0	Hypothetical proteins
sllo260	55.752	31.356	0	60.367	38.643	30.686	0	0	9.848	Hypothetical proteins
slr0816	55.918	20.95	0	56.653	61.967	82.012	0	0	0	Hypothetical proteins
slr1110	55.962	54.71	0	35.11	32.364	71.389	0	0	0	Hypothetical proteins
slr1278	56.083	63.801	0	60.009	64.999	41.626	0	0	0	Hypothetical proteins
slr0930	56.125	40.271	63.521	44.032	44.469	31.529	0	2.703	0	Hypothetical proteins
ssr1528	56.845	37.049	0	94.741	94.972	0	0	0	0	Hypothetical proteins
sl11069	57.332	67.524	0	44.036	33.287	33.041	0	0	0	Hypothetical proteins
ssr3532	57.642	0	76.155	44.063	51.409	170.1	0	0	0	Hypothetical proteins
sllo505	57.734	34.734	10.146	46.962	31.962	0	0	0	0	Hypothetical proteins
slr0238	57.849	74.886	0	74.838	54.144	0	0	0	0	Hypothetical proteins
slr1444	57.937	63.228	0	60.244	45.714	165.007	6.074	0	0	Hypothetical proteins
sllo216	58.119	100.085	0	46.823	59.206	65.299	192.282	8.396	83.821	Hypothetical proteins
sl11925	58.136	44.18	38.715	61.682	55.174	57.649	0	2.471	0	Hypothetical proteins
slr0039	58.296	19.663	8.615	77.156	75.606	57.729	0	0	0	Hypothetical proteins
slr0602	58.417	0	0	46.156	37.371	0	0	0	816.29	Hypothetical proteins
slr1771	58.562	45.966	0	65.333	73.805	38.558	0	0	57.744	Hypothetical proteins
sllo980	58.662	17.731	15.538	51.857	43.704	69.411	0	121.969	22.275	Hypothetical proteins
ssr2420	58.9	0	145.142	74.851	32.66	0	0	0	0	Hypothetical proteins
sllo588	59.176	68.565	0	61.131	45.067	0	0	0	0	Hypothetical proteins
slr0480	59.291	7.039	0	39.105	49.97	13.778	0	0	0	Hypothetical proteins
ssl1263	59.726	86.905	0	56.835	119.955	0	0	0	0	Hypothetical proteins
sllo786	59.751	109.42	95.884	74.775	86.304	142.778	935.457	39.775	0	Hypothetical proteins
sllo473	59.779	30.083	17.574	75.453	51.409	78.508	5.779	3.365	0	Hypothetical proteins
slr0692	59.781	77.552	5.228	58.652	47.053	35.029	429.783	11.009	0	Hypothetical proteins
ssl3549	59.906	91.42	0	63.146	27.04	0	0	0	0	Hypothetical proteins
sl11873	59.942	28.85	0	66.99	28.444	0	0	0	0	Hypothetical proteins
slr1660	60.042	36.473	0	73.435	71.92	35.695	0	0	0	Hypothetical proteins
slr0304	60.093	73.109	0	68.457	74.139	102.211	0	532.683	13.12	Hypothetical proteins
ssr2781	60.271	83.802	0	64.658	49.573	0	0	449.91	0	Hypothetical proteins
slr1577	60.395	43.186	2781.527	69.497	68.125	84.528	0	0	0	Hypothetical proteins
sllo596	60.616	71.83	0	65.238	65.154	28.119	0	0	0	Hypothetical proteins
slr0280	60.673	46.084	0	52.404	36.348	33.825	3.32	3.866	0	Hypothetical proteins
slr1726	60.688	43.813	12.798	48.507	31.678	57.17	0	0	0	Hypothetical proteins
sllo809	60.774	47.138	0	65.812	50.983	61.509	0	0	0	Hypothetical proteins
sllo325	60.781	56.655	0	63.383	50.272	0	0	22.575	0	Hypothetical proteins
sllo268	60.803	25.88	0	77.209	76.547	0	0	0	0	Hypothetical proteins
sllo565	60.871	105.065	0	35.9	41.434	0	0	0	0	Hypothetical proteins
sllo294	60.883	17.554	0	35.731	27.692	17.18	0	0	0	Hypothetical proteins
sl11456	60.895	92.928	0	62.823	48.101	113.681	0	0	0	Hypothetical proteins
slr1128	60.97	43.723	9.579	59.116	49.573	64.184	0	0	0	Hypothetical proteins
slr1425	61.02	29.828	0	39.014	35.289	0	0	0	0	Hypothetical proteins
slr0734	61.23	66.053	8.269	71.28	55.82	55.408	0	0	0	Hypothetical proteins
ssl2749	61.473	72.57	0	74.656	64.394	71.021	0	0	0	Hypothetical proteins
ssl1972	61.639	74.886	0	53.927	44.3	0	21.581	0	0	Hypothetical proteins
slr0957	61.662	67.686	0	40.784	60.06	66.241	0	0	0	Hypothetical proteins
slr1895	61.809	8.691	0	58.495	61.691	34.02	0	0	0	Hypothetical proteins
slr1232	62.224	39.326	0	46.814	38.772	76.973	0	0	0	Hypothetical proteins
slr0076	62.325	31.01	0	71.323	51.976	30.348	0	478.649	19.478	Hypothetical proteins
slr1902	62.441	61.594	0	54.313	60.727	0	0	0	0	Hypothetical proteins
sllo085	62.519	17.424	7.634	54.799	37.794	34.104	0	0	0	Hypothetical proteins
ssl0788	62.567	35.915	0	50.143	77.901	70.296	0	0	45.118	Hypothetical proteins
sl11570	62.939	28.85	0	44.519	45.51	28.234	0	0	0	Hypothetical proteins
slr1649	63.106	35.733	0	48.313	49.322	0	0	2.997	22.445	Hypothetical proteins
slr0250	63.167	0	0	61.262	46.527	76.973	0	23.092	0	Hypothetical proteins
slr1911	63.334	73.839	0	49.918	87.36	96.35	0	0	0	Hypothetical proteins
slr										

sll0257	63.374	22.276	0	63.185	43.926	0	0	0	0	Hypothetical proteins
sll1866	63.566	17.598	15.421	79.4	83.283	34.445	659.287	8.858	0	Hypothetical proteins
sll1326	63.951	74.098	32.466	66.972	80.361	145.033	0	0	0	Hypothetical proteins
srl1100	64.226	27.714	0	66.796	65.577	108.489	0	0	0	Hypothetical proteins
sll0572	64.255	52.309	0	73.691	66.308	43.879	0	16.298	0	Hypothetical proteins
srl1869	64.258	41.735	109.717	61.949	38.405	54.459	0	0	0	Hypothetical proteins
sll0872	64.412	107.471	0	69.495	74.171	0	0	0	0	Hypothetical proteins
sll0846	64.445	68.343	0	65.788	47.167	66.884	0	0	0	Hypothetical proteins
srl1852	64.587	18.623	0	58.021	55.081	36.45	0	0	0	Hypothetical proteins
sll2002	64.701	60.063	0	51.903	49.743	0	6.923	2.015	0	Hypothetical proteins
srl1398	64.77	28.045	0	45.132	118.897	109.786	0	2.353	0	Hypothetical proteins
srl0722	65.135	81.045	0	58.022	54.792	0	6.673	0	0	Hypothetical proteins
srl2166	65.326	132.46	66.329	59.513	29.851	0	98.157	3.175	0	Hypothetical proteins
srl1493	65.375	95.126	0	90.521	70.341	0	0	0	29.875	Hypothetical proteins
sxr2060	65.394	0	0	76.296	34.701	86.113	0	0	0	Hypothetical proteins
sll1352	65.649	29.765	6.521	63.537	58.691	87.387	0	4.994	0	Hypothetical proteins
sll1389	65.778	37.245	0	83.2	91.802	109.35	0	9.373	0	Hypothetical proteins
srl1676	65.857	21.461	0	55.511	50.782	0	0	0	0	Hypothetical proteins
sll1272	65.884	13.695	0	46.896	35.106	26.806	0	0	0	Hypothetical proteins
srl1799	65.952	49.65	0	66.482	46.776	53.989	0	0	0	Hypothetical proteins
srl2032	65.968	70.676	0	72.292	41.809	55.334	0	9.486	0	Hypothetical proteins
sll0577	66.18	0	0	60.55	73.485	81.048	0	0	0	Hypothetical proteins
sll0082	66.18	59.154	0	68.679	75.818	115.782	0	0	0	Hypothetical proteins
sll0069	66.322	95.866	0	69.035	51.309	0	0	0	0	Hypothetical proteins
sll0162	66.638	18.05	0	85.68	71.182	0	0	3.028	0	Hypothetical proteins
sll1891	66.703	69.559	12.191	42.73	24.689	54.459	0	0	122.336	Hypothetical proteins
sll0400	66.822	42.663	0	45.143	42.062	0	12.294	0	0	Hypothetical proteins
srl0609	67.24	45.829	48.192	71.124	75.909	107.641	10.565	0	0	Hypothetical proteins
sll0864	67.29	22.276	0	47.798	61.496	0	0	0	0	Hypothetical proteins
srl1571	67.653	62.021	13.587	74.513	79.492	91.045	0	0	0	Hypothetical proteins
srl0656	67.955	61.748	23.19	71.432	83.492	34.532	0	0	0	Hypothetical proteins
sll0888	68.034	36.855	0	67.705	58.138	108.205	0	0	0	Hypothetical proteins
sxr3184	68.096	0	0	49.684	54.792	90.645	0	0	0	Hypothetical proteins
srl2171	68.138	49.573	0	80.868	78.2	0	0	8.317	0	Hypothetical proteins
sll0335	68.274	36.511	76.787	59.024	61.915	71.463	4.209	0	0	Hypothetical proteins
srl2010	68.277	80.603	0	76.997	68.873	52.588	464.559	9.015	0	Hypothetical proteins
srl1809	68.308	26.464	11.595	59.894	49.573	103.595	0	0	0	Hypothetical proteins
srl0702	68.365	75.782	0	110.754	134.488	49.443	0	0	0	Hypothetical proteins
srl0362	68.72	19.025	0	73.256	30.012	37.238	0	181.94	23.9	Hypothetical proteins
srl0913	68.858	52.143	159.926	45.213	34.701	38.272	127.725	4.374	0	Hypothetical proteins
sll0854	68.997	11.39	89.833	72.819	44.921	44.589	0	0	0	Hypothetical proteins
sll1424	69.059	57.23	702.112	73.489	53.604	42.006	0	1.2	0	Hypothetical proteins
srl2042	69.298	25.505	0	49.102	62.865	24.96	0	0	0	Hypothetical proteins
srl1087	69.617	68.06	0	55.441	42.178	19.031	0	153.336	12.214	Hypothetical proteins
srl0552	69.8	71.83	0	65.027	53.822	28.119	0	0	0	Hypothetical proteins
sll0743	69.88	87.445	0	83.212	77.593	256.735	0	0	0	Hypothetical proteins
sll0031	70.032	35.552	0	64.005	68.351	104.379	0	0	0	Hypothetical proteins
sll1675	70.037	23.309	0	88.037	73.539	45.623	0	0	351.383	Hypothetical proteins
sll1218	70.061	31.997	0	64.893	53.629	31.314	608.572	13.421	0	Hypothetical proteins
sll0939	70.093	27.934	48.957	72.253	44.065	54.675	0	0	0	Hypothetical proteins
sll0243	70.148	59.083	0	81.497	44.937	115.643	68.106	117.535	0	Hypothetical proteins
sll0350	70.317	0	0	80.632	61.238	0	29.832	0	0	Hypothetical proteins
srl0978	70.317	51.76	0	83.675	117.372	50.655	790.547	30.394	0	Hypothetical proteins
srl0446	70.317	54.995	0	74.68	62.896	64.585	0	0	0	Hypothetical proteins
srl1541	70.383	50.043	0	60.061	52.628	0	0	0	0	Hypothetical proteins
sll0208	71.286	30.342	904.012	58.861	26.923	0	0	0	0	Hypothetical proteins
sll1222	71.307	66.097	0	58.04	71.683	32.343	142.857	224.559	0	Hypothetical proteins
sll0394	71.595	101.043	14.757	53.954	59.773	32.962	0	0	0	Hypothetical proteins
sll1144	71.732	23.622	10.35	57.802	39.592	69.353	0	1.982	0	Hypothetical proteins
srl1780	71.786	78.798	0	61.377	36.255	0	0	0	0	Hypothetical proteins
srl0479	71.892	43.813	0	57.521	34.557	0	0	0	0	Hypothetical proteins
sll1336	71.95	39.883	13.106	58.1	59.965	48.789	8.62	0	0	Hypothetical proteins
srl0356	72.244	71.465	15.656	62.492	95.12	34.97	0	0	0	Hypothetical proteins
srl0443	72.326	55.868	48.957	61.168	33.049	54.675	0	0	0	Hypothetical proteins
sll1203	72.326	54.653	9.579	60.08	40.952	64.184	182.698	3.668	41.195	Hypothetical proteins
sll1884	72.454	93.858	8.225	75.176	68.477	36.742	0	0	0	Hypothetical proteins
srl0588	72.571	107.471	0	74.233	68.873	0	0	860.968	0	Hypothetical proteins
srl1959	72.762	140.276	201.149	69.156	66.218	49.921	7.35	206.107	165.542	Hypothetical proteins
srl0521	73.229	41.653	9.125	91.363	55.44	20.382	0	0	0	Hypothetical proteins
sll0913	73.241	69.696	0	55.311	51.537	102.313	0	0	0	Hypothetical proteins
srl0842	73.338	26.072	0	79.186	65.119	85.05	0	0	0	Hypothetical proteins
sll0860	73.388	60.684	0	63.617	43.875	79.184	0	3.394	0	Hypothetical proteins
sll1965	73.499	77.073	45.026	70.227	75.988	0	0	0	0	Hypothetical proteins
sll1401	73.613	73.109	9.152	68.457	74.139	81.769	36.117	31.54	314.889	Hypothetical proteins
sll0224	73.938	58.857	185.676	83.039	64.992	46.081	6.785	3.95	0	Hypothetical proteins
sll0397	74.058	80.726	14.148	92.301	70.039	31.601	0	0	0	Hypothetical proteins
sll0995	74.196	60.684	13.294	75.583	80.77	89.082	0	0	0	Hypothetical proteins
sll0742	74.254	46.929	20.562	90.425	77.114	0	0	55.114	0	Hypothetical proteins
sll0157	74.421	68.476	0	88.559	89.116	26.806	0	68.931	17.205	Hypothetical proteins
srl0779	74.461	17.003	0	55.225	56.997	66.561	0	0	0	Hypothetical proteins
sll0996	74.548	46.721	0	90.292	96.734	60.965	0	0	146.734	Hypothetical proteins
srl0496	74.663	95.991	0	81.351	63.093	0	0	5.368	0	Hypothetical proteins
sll0352	75.322	238.621	0	61.37	47.053	467.054	0	0	0	Hypothetical proteins
srl0262	75.421	130.358	22.847	90.425	77.114	0	0	0	0	Hypothetical proteins
srl0243	75.431	79.992	0	67.303	59.15	78.285	0	3.355	0	Hypothetical proteins
srl0380	75.453	53.56	0	66.457	60.35	14.976	0	0	0	Hypothetical proteins
sll0547	75.598	79.63	41.868	85.196	72.229	62.344	0	0	0	Hypothetical proteins
sll1751	75.841	62.851	0	61.425	43.377	0	18.112	0	0	Hypothetical proteins
srl0144	76.145	80.297	11.727	101.879	105.555	104.776	7.713	0	0	Hypothetical proteins
sll0981	76.247	63.608	18.58	81.64	62.713	41.5	0	0	26.636	Hypothetical proteins
sll0751	76.438	0	0	67.548	32.66	121.571	0	0	0	Hypothetical proteins
srl1591	77.256	64.328	8.053	67.123	63.423	35.974	0	0	0	Hypothetical proteins
srl0699	77.398	124.811	0	93.548	83.677	0	0	0	0	Hypothetical proteins
sll1477	77.728	67.605	7.405	81.781	68.32	157.133	803.637	24.102	10.616	Hypothetical proteins
srl1600	78.005	23.464	0	60.347	60.149	91.854	0	3.937	0	Hypothetical proteins
sll1979	78.283	49.226	0	71.621	43.68	96.35	0	0	0	Hypothetical proteins
srl0697	78.656	95.506	12.308	106.342	86.961	76.973	4.857	10.839	21.173	Hypothetical proteins
sll1582	79.026	59.762	35.832	62.081	55.82	61.564	21.754	3.694	327.963	Hypothetical proteins
sll1455	79.332	22.562	0	60.679	44.489	88.321	0	18.926	0	Hypothetical proteins
sll1130	79.53	60.684	0	84.278	71.796	0	34.975	0	0	Hypothetical proteins
srl0864	79.635	67.333	0	77.994	56.729	11.981	102.311	9.243	0	Hypothetical proteins
srl1570	79.777	63.994	14.019	83.938	44.165	31.314	0	85.892	20.098	Hypothetical proteins
sll1858	79.812	56.046	19.645	65.893	81.7					

slr0606	79.957	33.204	0	63.113	72.022	0	0	152.269	0	Hypothetical proteins
slr2141	80.008	82.573	0	64.772	48.846	20.202	0	0	0	Hypothetical proteins
sll0549	80.105	84.472	74.023	93.935	91.612	27.556	0	2.362	35.373	Hypothetical proteins
slr1718	80.428	87.264	0	113.285	111.847	85.401	0	0	0	Hypothetical proteins
sll1765	80.864	43.996	38.553	92.461	86.753	0	0	33.216	0	Hypothetical proteins
sll1573	80.898	67.041	0	68.968	52.878	65.61	0	0	0	Hypothetical proteins
ssl0787	81.005	140.787	0	70.348	62.462	68.89	0	0	0	Hypothetical proteins
slr2025	81.092	91.42	20.028	71.879	81.12	89.468	0	15.338	0	Hypothetical proteins
slr1972	81.098	97.768	0	82.187	90.609	133.954	0	1.64	0	Hypothetical proteins
slr1073	81.238	91.42	32.044	84.912	115.371	89.468	0	4.601	424.93	Hypothetical proteins
sll0781	81.495	22.562	0	90.521	97.876	176.642	13.004	329.321	595.211	Hypothetical proteins
sll1162	81.52	134.224	26.138	95.343	70.579	29.191	8.596	0	0	Hypothetical proteins
slr2115	81.637	74.027	5.897	64.584	80.948	39.517	290.905	176.136	42.271	Hypothetical proteins
ssr1256	81.763	40.926	0	99.844	80.701	0	0	0	0	Hypothetical proteins
sll0771	81.869	0	0	65.582	49.573	61.509	0	0	78.957	Hypothetical proteins
slr1542	81.949	0	0	79.186	64.262	0	0	0	0	Hypothetical proteins
sll0270	82.014	0	0	52.21	64.862	64.384	0	0	0	Hypothetical proteins
sll0907	82.412	69.353	9.116	98.051	129.233	108.596	0	0	4.356	Hypothetical proteins
sll0814	82.529	57.889	20.291	83.375	82.187	67.984	0	128.202	0	Hypothetical proteins
sll0181	82.757	101.529	14.828	78.087	93.427	33.12	0	5.678	0	Hypothetical proteins
sll0912	83.403	67.947	23.817	61.313	77.71	452.177	0	0	512.151	Hypothetical proteins
sll1513	83.456	115.571	9.207	86.005	72.51	20.564	0	1.763	79.192	Hypothetical proteins
sll1232	83.482	187.216	0	89.696	55.374	109.932	0	0	0	Hypothetical proteins
sll0066	83.668	33.415	29.281	68.586	90.048	43.602	0	0	13.992	Hypothetical proteins
ssr2047	83.741	199.981	0	75.826	63.093	0	576.3	26.841	0	Hypothetical proteins
slr1170	83.903	89.483	0	102.576	76.461	0	0	0	0	Hypothetical proteins
sll1417	83.96	0	0	66.395	103.586	0	0	0	0	Hypothetical proteins
slr0400	84.196	103.52	60.476	89.76	49.897	22.513	0	102.277	0	Hypothetical proteins
sll0381	84.285	11.931	0	69.085	77.637	93.411	0	2.002	0	Hypothetical proteins
sll0444	84.38	62.851	0	114.537	57.836	205.031	0	0	0	Hypothetical proteins
slr0476	84.585	77.073	0	77.023	65.857	150.855	0	0	32.274	Hypothetical proteins
sll1778	84.696	98.867	0	73.521	66.283	38.703	0	0	0	Hypothetical proteins
sll0585	85.61	30.784	350.69	80.379	76.889	0	0	0	0	Hypothetical proteins
slr0815	86.685	144.249	0	110.236	79.642	56.468	0	0	0	Hypothetical proteins
slr1971	86.757	61.966	21.72	90.885	92.863	24.257	0	0	0	Hypothetical proteins
sll1265	87.436	72.919	71.691	69.526	60.67	34.811	1.025	0	8.937	Hypothetical proteins
sll0318	87.689	43.507	0	103.199	159.898	67.54	19.888	0	0	Hypothetical proteins
sll0508	88.163	41.166	0	88.933	77.114	40.287	0	0	0	Hypothetical proteins
slr0731	88.219	61.136	0	81.376	65.442	51.283	5.034	2.931	0	Hypothetical proteins
sll2245	88.488	39.547	69.31	93.572	31.192	0	0	0	0	Hypothetical proteins
sll1552	88.585	140.319	20.494	117.888	112.981	320.421	215.662	7.847	0	Hypothetical proteins
slr0580	88.707	59.225	14.828	88.78	66.733	49.681	0	2.839	0	Hypothetical proteins
sll1906	88.729	65.313	0	79.456	72.98	85.225	0	356.739	9.117	Hypothetical proteins
sll0483	88.88	46.929	0	67.589	78.656	45.927	0	0	0	Hypothetical proteins
slr1365	89.283	80.726	0	92.775	98.692	94.803	7528.059	203.156	101.412	Hypothetical proteins
slr1506	89.301	79.094	306.943	86.1	92.463	110.579	677.277	18.957	0	Hypothetical proteins
sll0038	89.667	26.464	46.38	70.394	52.182	155.392	1723.526	31.079	66.49	Hypothetical proteins
sll0553	89.671	87.12	0	77.077	75.587	0	0	0	0	Hypothetical proteins
sll0238	89.69	72.367	5.765	100.745	116.752	115.89	0	0	16.529	Hypothetical proteins
sll1593	89.746	81.045	0	90.011	84.47	90.645	6.673	0	0	Hypothetical proteins
sll0911	89.831	27.284	0	56.137	69.941	53.403	0	0	0	Hypothetical proteins
slr1415	89.888	82.708	0	95.484	92.416	35.974	26.483	3.084	0	Hypothetical proteins
sll1568	89.923	102.764	0	101.187	116.515	150.855	0	0	0	Hypothetical proteins
slr0121	89.937	70.961	80.838	89.895	109.141	27.778	69.528	2.381	17.829	Hypothetical proteins
sll0022	90.005	14.079	0	76.348	47.194	55.112	657.258	28.344	17.686	Hypothetical proteins
sll0634	90.064	127.656	0	79.868	79.112	107.084	10.511	841.396	91.639	Hypothetical proteins
sll0785	90.191	106.656	0	100.46	86.036	37.956	0	0	0	Hypothetical proteins
slr0325	90.283	43.453	0	83.656	94.251	85.05	12.522	0	27.294	Hypothetical proteins
sll1696	90.503	51.951	22.762	108.033	133.171	50.842	0	0	16.316	Hypothetical proteins
slr1169	90.731	63.076	22.11	77.126	72.139	24.692	0	2.117	0	Hypothetical proteins
slr0104	90.753	56.349	7.597	89.757	76.924	25.452	2.498	0	0	Hypothetical proteins
sll1468	90.755	93.858	0	75.176	74.03	0	0	0	0	Hypothetical proteins
sll0351	90.788	50.643	0	109.655	79.888	82.602	0	0	0	Hypothetical proteins
sll0397	90.826	109.99	0	119.348	97.597	35.88	0	0	0	Hypothetical proteins
sll1516	91.085	45.052	4.935	85.741	77.731	77.157	6.491	0	0	Hypothetical proteins
sll1391	91.367	44.836	0	118.938	88.411	0	0	0	0	Hypothetical proteins
sll1611	91.374	95.126	33.344	85.139	67.527	37.238	197.375	1.596	0	Hypothetical proteins
sll0204	91.704	53.912	0	90.323	65.302	15.074	0	0	241.88	Hypothetical proteins
sll0924	92.134	38.05	33.344	71.578	101.29	111.714	1261.006	31.919	23.9	Hypothetical proteins
ssl0312	92.356	105.065	46.034	104.997	145.02	102.822	0	0	0	Hypothetical proteins
sll1247	92.363	46.109	20.203	91.481	72.736	60.166	4.429	0	106.195	Hypothetical proteins
sll0051	92.466	153.985	0	82.439	69.403	0	0	0	0	Hypothetical proteins
sll0769	92.475	68.676	15.045	70.651	81.252	0	0	0	280.392	Hypothetical proteins
sll1519	92.612	57.23	0	90.626	95.922	84.013	0	0	0	Hypothetical proteins
sll1163	92.914	63.19	44.298	82.743	71.022	86.577	18.21	9.541	0	Hypothetical proteins
sll0676	92.927	58.337	0	82.876	249.236	114.183	0	0	0	Hypothetical proteins
slr1752	92.995	47.563	0	80.618	71.904	93.095	0	0	0	Hypothetical proteins
sll1503	93.132	42.534	37.272	76.574	77.58	62.438	6.129	0	13.358	Hypothetical proteins
sll0360	93.196	45.966	5.754	80.871	98.407	141.38	64.339	0	8.249	Hypothetical proteins
sll0778	93.376	66.745	198.86	110.188	145.649	104.511	0	104.514	61.488	Hypothetical proteins
ssl3615	93.558	74.098	0	77.317	29.222	0	0	0	0	Hypothetical proteins
sll1665	93.628	65.621	0	83.376	59.992	46.705	10.315	1.001	0	Hypothetical proteins
slr0727	93.64	64.978	28.47	66.528	183.65	63.591	0	0	136.048	Hypothetical proteins
sll0558	93.755	45.124	13.181	101.463	80.08	0	0	0	0	Hypothetical proteins
sll1670	93.84	43.698	13.925	82.377	60.316	108.856	6.869	25.993	84.838	Hypothetical proteins
slr1436	94.086	86.752	0	79.593	68.425	24.257	228.572	4.158	0	Hypothetical proteins
sll0980	94.146	73.326	0	81.9	77.114	47.841	0	0	0	Hypothetical proteins
sll1557	94.566	104.639	258.412	85.418	78.781	74.476	0	0	11.95	Hypothetical proteins
sll0756	95.326	52.015	0	81.284	136.754	67.872	0	0	0	Hypothetical proteins
sll1397	95.739	50.764	0	34.318	13.347	66.241	0	0	382.636	Hypothetical proteins
sll0639	95.819	75.782	14.757	99.245	78.036	16.481	0	113.016	21.156	Hypothetical proteins
sll1586	95.856	68.382	10.575	95.62	86.852	59.049	4.637	1.012	5.053	Hypothetical proteins
sll1464	95.913	95.723	6.452	95.878	66.789	86.473	0	0	0	Hypothetical proteins
slr0404	96.001	63.228	0	89.979	108.052	41.252	0	0	304.479	Hypothetical proteins
sll1303	96.082	25.691	7.504	92	81.054	50.285	0	0	0	Hypothetical proteins
sll0770	96.209	164.47	28.825	84.116	71.349	0	18.959	0	0	Hypothetical proteins
sll0787	96.292	113.871	9.071	110.907	102.063	81.048	0	0	0	Hypothetical proteins
sll0601	96.372	136.421	0	110.67	118.361	106.807	0	0	0	Hypothetical proteins
sll0818	96.576	101.229	6.824	101.278	147.404	60.965	0	0	0	Hypothetical proteins
sll1315	96.711	121.368	0	109.313	136.754	67.872	0	26.18	0	

ssl0443	97.426	119.818	13.125	102.352	73.833	14.658	0	1.256	0	Hypothetical proteins
ssl0783	97.482	87.445	421.454	80.32	103.457	85.578	0	0	0	Hypothetical proteins
ssl1318	97.623	126.266	0	95.798	74.693	0	0	0	0	Hypothetical proteins
ssr1853	97.857	146.653	0	136.32	108.442	71.761	0	0	0	Hypothetical proteins
slr0666	98.239	51.01	33.525	93.707	85.496	49.921	139.648	0	0	Hypothetical proteins
ssl0967	98.723	23.309	81.703	72.622	64.347	0	0	3.911	0	Hypothetical proteins
slr1179	98.779	84.024	8.181	124.719	158.319	109.64	0	178.562	23.457	Hypothetical proteins
ssl0414	98.786	24.527	0	70.47	72.546	96.015	0	0	0	Hypothetical proteins
ssl1267	98.8	71.465	15.656	92.687	45.799	69.94	0	0	0	Hypothetical proteins
ssl0611	98.915	188.975	41.4	98.94	88.5	46.235	0	99.078	0	Hypothetical proteins
ssl1715	98.977	111.382	19.521	70.06	61.496	43.602	0	3.737	671.631	Hypothetical proteins
ssl0108	99.215	142.803	7.361	113.576	119.26	82.208	0	76.103	833.661	Hypothetical proteins
ssr0692	99.525	135.372	0	100.468	133.467	397.445	0	0	0	Hypothetical proteins
ssl0377	99.884	85.845	406.222	100.299	94.794	84.013	0	299.574	10.784	Hypothetical proteins
ssl1590	99.964	95.126	10.42	106.773	89.098	46.548	0	0	0	Hypothetical proteins
ssl0710	100.358	62.938	67.88	74.779	95.464	66.332	239.969	62.543	6.082	Hypothetical proteins
slr1712	100.378	91.59	11.466	90.377	90.301	153.659	0	0	0	Hypothetical proteins
ssl1775	100.403	55.936	3.771	87.075	82.299	75.796	2.48	0.722	91.891	Hypothetical proteins
slr1664	100.434	110.153	326.354	110.776	97.226	71.868	0	0.88	0	Hypothetical proteins
slr1939	100.584	73.545	18.414	83.766	67.331	51.411	3.028	0.881	6.599	Hypothetical proteins
ssl2971	101.256	70.393	0	108.625	104.104	137.781	0	513.741	0	Hypothetical proteins
slr0728	101.778	81.642	7.949	113.451	80.493	53.266	5.228	377.437	11.396	Hypothetical proteins
slr1173	101.959	45.513	6.647	104.456	109.19	74.235	0	0	9.529	Hypothetical proteins
ssl0832	102.333	74.886	0	86.394	66.449	0	0	0	94.076	Hypothetical proteins
ssl0752	102.35	97.768	53.546	85.312	93.983	47.841	0	0	0	Hypothetical proteins
slr1535	102.519	57.464	0	94.48	109.061	70.296	0	122.922	0	Hypothetical proteins
ssl0225	102.528	102.914	6.012	92.059	89.29	40.287	27.68	0	60.333	Hypothetical proteins
ssl0286	102.695	102.316	0	137.436	133.156	40.053	0	0	0	Hypothetical proteins
ssl1251	102.847	94.806	0	106.065	105.156	23.195	40.981	0	59.55	Hypothetical proteins
slr0082	103.384	47.563	27.786	95.181	78.156	93.095	0	0	9.958	Hypothetical proteins
ssl2138	103.539	204.039	357.597	68.968	30.175	199.682	0	0	0	Hypothetical proteins
ssl0959	103.591	112.895	17.458	108.723	98.211	103.986	0	0	0	Hypothetical proteins
slr0016	103.592	38.466	0	72.926	87.227	37.645	0	0	0	Hypothetical proteins
ssl0735	103.697	106.254	11.639	121.606	96.902	103.986	61.24	7.799	0	Hypothetical proteins
slr1340	104.021	78.652	17.231	103.164	155.09	76.973	101.995	0	0	Hypothetical proteins
slr2084	104.651	31.709	69.466	70.133	68.777	0	0	15.96	0	Hypothetical proteins
ssl2016	104.836	373.298	46.731	59.564	10.516	208.759	0	0	0	Hypothetical proteins
ssl0594	105.061	86.266	30.238	103.579	86.753	84.425	59.664	14.473	0	Hypothetical proteins
ssl0736	105.079	111.872	180.985	133.932	106.904	84.218	59.518	0	10.811	Hypothetical proteins
ssl0983	105.274	16.76	0	74.141	62.793	98.415	0	0	0	Hypothetical proteins
slr1230	105.67	48.884	85.674	77.051	84.344	47.841	0	0	0	Hypothetical proteins
ssl0693	106.061	73.326	0	88.905	93.983	71.761	0	0	0	Hypothetical proteins
ssl1618	106.349	70.043	782.578	76.946	107.039	68.548	0	5.876	0	Hypothetical proteins
ssl1851	106.402	163.705	23.909	90.22	107.601	0	31.451	41.198	0	Hypothetical proteins
ssl1725	106.614	63.365	20.192	86.86	76.104	56.375	0	0	0	Hypothetical proteins
ssl1411	106.727	96.429	21.125	119.396	114.087	94.37	125.049	8.089	0	Hypothetical proteins
ssl0613	107.011	101.14	17.726	80.562	87.75	118.777	0	0	25.411	Hypothetical proteins
slr1240	107.194	39.107	0	90.808	73.258	38.272	0	0	0	Hypothetical proteins
ssl0160	107.256	46.929	0	101.384	120.298	30.618	18.032	0	0	Hypothetical proteins
ssl0670	107.543	124.223	544.284	119.275	179.63	121.571	47.731	45.156	234.083	Hypothetical proteins
slr0069	107.904	15.998	0	81.116	72.557	31.314	0	0	0	Hypothetical proteins
ssl1086	108.179	67.686	0	61.342	75.631	44.161	13.004	0	0	Hypothetical proteins
ssl0195	108.226	57.386	150.861	120.039	82.981	74.881	0	6.419	96.121	Hypothetical proteins
ssl1609	108.398	79.094	121.292	118.273	124.769	116.108	0	1652.092	124.201	Hypothetical proteins
ssl2078	108.756	90.248	0	63.928	78.3	35.328	0	0	22.675	Hypothetical proteins
ssl1217	109.271	93.442	40.942	117.872	175.042	121.93	0	0	0	Hypothetical proteins
ssl0595	109.381	97.768	21.419	167.751	144.589	95.681	0	0	0	Hypothetical proteins
ssl0584	109.597	80.912	17.726	103.155	75.785	118.777	0	0	0	Hypothetical proteins
ssl2007	109.674	75.964	22.189	78.52	49.93	198.246	0	0	0	Hypothetical proteins
ssl0192	109.72	58.108	0	89.667	96.574	97.486	0	0	10.428	Hypothetical proteins
ssl0862	110.051	76.818	48.957	112.484	108.786	68.344	0	0	96.503	Hypothetical proteins
ssl0383	110.152	114.594	0	115.001	96.841	32.042	75.482	2.747	0	Hypothetical proteins
ssl0589	110.682	57.076	0	105.13	67.527	37.238	10.965	1350.185	143.402	Hypothetical proteins
slr1583	111.112	58.176	0	76.948	137.658	0	0	4.88	0	Hypothetical proteins
slr0732	111.425	67.686	39.542	93.837	124.569	0	0	0	0	Hypothetical proteins
ssl2549	111.52	246.994	0	87.118	146.111	0	0	10.36	0	Hypothetical proteins
slr0109	111.625	77.234	87.017	123.559	91.377	107.979	0	11.107	0	Hypothetical proteins
ssl0413	111.966	118.45	14.828	105.193	70.07	0	0	0	0	Hypothetical proteins
slr2071	111.986	97.768	0	116.863	83.54	0	0	0	0	Hypothetical proteins
ssl1375	112.507	162.446	0	93.107	53.387	0	0	0	0	Hypothetical proteins
ssl3769	112.507	0	0	136.557	120.298	0	0	0	0	Hypothetical proteins
ssl1338	112.507	112.33	49.217	113.633	107.057	73.288	0	0	0	Hypothetical proteins
slr1429	113.476	72.821	10.635	97.031	107.694	166.287	0	0	0	Hypothetical proteins
slr1413	113.557	51.115	6.399	88.75	77.754	100.048	0	0	0	Hypothetical proteins
ssl1527	113.565	120.433	13.192	104.515	116.957	165.007	36.441	34.855	3.782	Hypothetical proteins
ssl0803	113.913	109.99	0	101.513	73.74	86.113	0	0	0	Hypothetical proteins
slr1414	114.14	131.44	0	101.306	132.47	57.17	0	1043.8	55.04	Hypothetical proteins
ssl0376	114.161	138.026	30.238	96.353	74.846	135.079	0	0	0	Hypothetical proteins
ssl0211	114.456	87.12	22.903	122.53	113.381	17.052	35.149	4.385	142.278	Hypothetical proteins
ssl1359	114.743	93.305	204.407	103.224	119.589	50.729	0	0	0	Hypothetical proteins
ssl1660	114.814	0	15.817	83.558	103.214	70.657	0	0	0	Hypothetical proteins
ssl0762	114.911	90.248	0	66.758	83.046	0	0	0	0	Hypothetical proteins
ssl1640	114.952	87.445	19.157	127.067	122.856	85.578	25.2	0	0	Hypothetical proteins
ssl0581	115.054	63.417	27.786	113.705	68.777	0	36.551	0	0	Hypothetical proteins
slr1451	115.512	94.037	0	98.517	68.873	78.882	15.485	0	0	Hypothetical proteins
ssl1167	115.895	101.773	14.864	96.099	76.928	132.801	0	0	10.654	Hypothetical proteins
ssl3379	116.484	142.209	31.154	96.66	105.156	69.586	0	0	0	Hypothetical proteins
slr0172	117.194	67.686	0	77.589	44.489	0	3.785	0	0	Hypothetical proteins
ssl1697	117.398	120.237	9.579	103.453	120.7	128.367	6.3	0	0	Hypothetical proteins
slr0723	117.606	87.025	0	101.747	72.453	37.852	0	3.245	0	Hypothetical proteins
ssl0525	118.047	53.328	397.218	62.307	89.382	52.19	15.368	0	0	Hypothetical proteins
ssl0065	118.053	66.097	28.96	106.124	87.975	97.029	0	0	2262.681	Hypothetical proteins
ssl0350	118.174	113.82	0	115.676	117.398	102.822	0	0	0	Hypothetical proteins
slr1070	118.407	73.839	21.568	87.175	82.507	144.525	113.487	4.129	0	Hypothetical proteins
ssl2069	118.534	125.702	0	168.726	198.293	164.025	0	84.358	52.638	Hypothetical proteins
slr0827	118.819	78.995	15.383	111.192	88.268	17.18	5.059	0	0	Hypothetical proteins
ssl0196	119.099	109.99	24.096	108.302	65.065	215.283	31.696	0	0	Hypothetical proteins
ssl0446	119.112	137.769	126.476	123.989	106.724	77.044</td				

srl2012	120.319	16.295	1 98.25	14.27	29.374	85.253	120.778	64.262	0	0	186.026	517.355	0	0	0
sll0909	120.367	138.32	131.987	9	40.317	117.68	108.03	103.043	90.249	107.617	0	0	0	0	0
sll0984	120.435	7	170.306	13.46	72.857	3	116.936	55.895	92.47	169.048	0	0	0	0	0
sll1921	120.543	70.866	137.487	8 0	146.65	105.88	114.984	115.671	109.35	121.714	41.064	167.651	0	0	0
sll1218	120.998	97.768	116.545	12.23	2 0	3	144.345	52.379	86.655	1258.064	0	0	0	0	0
sll0467	121.101	88.545	151.203	9 0	0	127.67	142.45	48.196	287.044	0	0	0	0	0	0
sll0914	121.161	48.884	75.964	0	0	4	147.974	115.978	91.367	1258.064	0	0	0	0	0
sll1656	121.589	140.04	77.355	0	71.246	128.905	79.524	71.761	0	0	0	0	0	0	0
srl1470	121.882	109.99	131.752	16.06	127.87	110.122	68.351	156.569	113.118	8.976	0	0	0	0	0
srl1385	122.434	79.992	136.026	4 0	9	116.776	107.434	63.985	102.966	5.863	0	0	0	0	0
sll0174	122.968	87.174	127.988	0	121.28	131.223	112.018	0	319.181	0	0	0	0	0	0
srl1880	123.073	123.49	128.768	173.15	9 90.79	109.68	82.622	72.9	226.491	8.976	38.456	0	9.824	0	0
ssr3000	123.64	7 74.49	79.879	2 8.159	90.129	175.654	86.753	0	0	0	0	0	0	0	0
sll1524	123.757	109.99	55.647	0	107.93	129.177	101.625	73.811	4.674	0	0	0	0	0	0
srl0169	123.81	163.41	85.613	44.061	7	139.302	126.481	64.384	340.627	0	0	0	0	0	0
sll0442	124.059	3	65.911	0	92.926	140.825	24.787	61.509	45.643	65.438	59.431	67.171	672.964	0	0
srl0845	124.287	65.788	163.705	55.076	107.55	132.355	254.355	72.137	0	0	0	0	0	0	0
sll1054	124.775	94.277	135.372	0	8 95.37	125.144	103.366	73.288	61.847	0	16.036	241.236	45.586	0	0
sll1376	124.825	147.42	102.914	0	105.85	113.252	104.695	100.57	11.863	0	0	0	0	0	0
sll0295	125.263	112.33	174.181	22.513	4	168.367	108.361	76.829	15.973	57.27	0	13.894	0	0	0
sll0625	125.45	59.946	134.082	183.45	123.03	154.932	101.34	60.965	181.872	0	0	0	0	0	0
ssl0294	125.976	104.67	69.013	1	1	140.852	117.3	97.029	0	0	0	0	0	0	0
sll1498	126.116	4	55.428	27.294	99.296	124.484	100.746	111.114	0	0	0	0	0	0	0
sll0062	126.382	140.16	109.826	0	148.40	106.219	134.178	45.927	0	0	0	0	0	0	0
srl0643	126.399	4	104.132	0	8	118.945	127.847	153.4	0	0	0	0	0	0	0
srl0870	126.454	198.29	96.429	20.562	123.81	115.444	183.544	170.803	0	0	0	0	0	0	0
srl0345	126.57	1	145.641	0	3	78.22	107.166	101.309	0	0	0	0	0	0	0
srl1800	126.728	170.30	484.30	0	110.24	120.768	60.435	38.703	0	0	0	0	0	0	0
sll0185	127.24	6	8 0	9	119.4	105.756	213.232	0	0	0	0	0	0	0	0
sll1969	127.47	117.32	0	119.60	133.37	201.712	101.809	0	0	0	0	0	0	0	0
sll1371	127.475	2	301.084	5	116.239	92.338	29.567	0	0	0	0	0	0	0	0
sll0024	127.494	99.748	15.193	152.43	133.526	134.246	75.428	0	0	0	0	0	0	0	0
sll0733	127.507	116.35	13.237	2	100.966	124.925	137.781	0	0	0	0	0	0	0	0
srl1652	127.652	3 25.88	1575.90	130.40	110.712	145.33	117.761	0	0	0	0	0	0	0	0
ssl2920	127.918	118.64	8	9	203.727	95.072	0	0	0	0	0	0	0	0	0
sll1520	128.05	92.182	308.428	129.31	124.02	63.924	0	0	0	0	0	0	0	0	0
srl2060	128.2	86.691	0	6	91.62	107.232	59.133	0	0	0	0	0	0	0	0
srl0436	128.552	90.635	42.25	155.17	114.449	72.197	92.47	0	0	0	0	0	0	0	0
srl1505	128.619	115.60	0	9	99.763	136.015	242.328	0	0	0	0	0	0	0	0
sll1039	129.086	9	39.712	109.52	165.432	107.757	90.645	0	0	0	0	0	0	0	0
srl1619	129.383	187.71	20.7	6	130.024	119.373	165.337	0	0	0	0	0	0	0	0
srl0976	129.637	5	0	129.10	148.758	122.811	113.4	0	0	0	0	0	0	0	0
srl2874	130.008	150.41	0	2	92.537	0	0	0	0	0	0	0	0	0	0
srl1117	130.889	3	12.337	138.44	120.225	81.367	0	0	0	0	0	0	0	0	0
sll1160	131.025	96.429	190.38	4 92.41	99.147	42.789	0	0	0	0	0	0	0	0	0
sll3712	131.037	46.311	8 0	115.76	106.145	81.048	0	0	0	0	0	0	0	0	0
srl0921	131.694	105.74	0	8	274.383	53.403	0	0	0	0	0	0	0	0	0
sll1737	131.723	1	210.72	122.05	77.593	85.578	0	0	0	0	0	0	0	0	0
srl0393	131.872	106.29	7	4	147.907	112.935	0	0	0	0	0	0	0	0	0
srl0586	132.348	9	36.286	104.56	107.601	53.403	0	0	0	0	0	0	0	0	0
srl0399	132.462	123.80	23.909	3	93.386	21.067	0	0	0	0	0	0	0	0	0
sll0178	132.749	7	76.628	139.32	116.197	62.628	0	0	0	0	0	0	0	0	0
sll0602	133.561	92.623	0	1	132.387	139.374	0	0	0	0	0	0	0	0	0
srl0410	133.728	28.157	0	172.42	153.766	123.755	0	0	0	0	0	0	0	0	0
sll0253	133.758	28.968	18.864	1	115.671	191.362	0	0	0	0	0	0	0	0	0
srl0459	134.486	39.107	107.48	179.49	120.817	93.275	0	0	0	0	0	0	0	0	0
srl0359	134.503	166.28	2 75.77	5	84.529	44.161	0	0	0	0	0	0	0	0	0
srl0975	134.536	3	36.937	93.532	169.867	120.438	0	0	0	0	0	0	0	0	0
srl1122	135.142	65.584	0	124.55	143.782	137.232	0	0	0	0	0	0	0	0	0
sll0926	135.68	41.408	17.897	1 123.1	128.447	41.129	0	0	0	0	0	0	0	0	0
srl1918	135.843	190.99	810.61	87.483	96.982	30.083	0	0	0	0	0	0	0	0	0
sll1068	136.336	153.02	1 0	101.11	62.655	47.841	0	0	0	0	0	0	0	0	0
srl0341	136.842	9	0	3	102.255	43.192	0	0	0	0	0	0	0	0	0
srl1396	137.356	144.24	27.6	95.694	117.917	167.21	0	0	0	0	0	0	0	0	0
srl0617	137.522	9	2 0	111.10	116.695	60.965	0	0	0	0	0	0	0	0	0
srl2118	137.567	122.77	0	8	164.461	81.624	0	0	0	0	0	0	0	0	0
sll1426	137.946	9	9.669	119.63	658.662	131.638	0	0	0	0	0	0	0	0	0
sll1946	137.977	64.581	104.80	89.659	124.353	116.763	0	0	0	0	0	0	0	0	0
srl0505	138.113	135.98	6	161.69	116.277	108.205	0	0	0	0	0	0	0	0	0
sll0074	138.353	7	13.647	6	124.088	71.612	0	0	0	0	0	0	0	0	0
ssr0109	138.401	91.552	7.309	118.23	143.212	0	0	0	0	0	0	0	0	0	0
srl1510	138.457	105.37	19.645	2	105.397	59.218	0	0	0	0	0	0	0	0	0
sll0063	138.502	9	63.478	118.66	101.65	104.379	0	0	0	0	0	0	0	0	0
sll0036	138.559	39.107	32.296	6	97.548	158.734	0	0	0	0	0	0	0	0	0
sll1521	138.846	74.886	12.824	173.22	125.343	92.161	0	0	0	0	0	0	0	0	0
ssr3467	138.875	67.686	0	3	93.983	143.522	0	0	0	0	0	0	0	0	0
srl1968	139.219	86.146	0	113.41	167.754	73.68	0	0	0	0	0	0	0	0	0
sll1151	139.798	112.18	147.98	2	132.85	125.049	0	0	0	0	0	0	0	0	0
sll1531	140.033	1	3	106.84	134.475										

0	0	0	H	e	p	t	p	n	r	cal	proteins
2.579	0	96.541	y	i	r	i	o	s	o	Hypothetical proteins	
11.88	0	0	p	n	c	c	t	t	t	Hypothetical proteins	
9.0	0	0	o	s	o	a	h	H	e	Hypothetical proteins	
3.714	42.11	0	t	t	t	l	e	y	i	Hypothetical proteins	
0	6.0	0	h	H	e	t	p	n	n	Hypothetical proteins	
822.324	16.17	58.642	e	y	i	p	i	o	s	Hypothetical proteins	
1430.13	8	69.087	t	p	n	r	c	t	s	Hypothetical proteins	
3.0	4.072	0	i	o	s	o	a	h	H	Hypothetical proteins	
0	0	0	c	t	t	l	e	y	y	Hypothetical proteins	
0	0	108.6	a	h	H	e	t	t	p	Hypothetical proteins	
478.02	35.092	1	e	y	i	p	i	i	o	Hypothetical proteins	
9	0	0	t	p	n	r	c	c	t	Hypothetical proteins	
6.151	15.791	p	i	o	s	o	t	a	h	Hypothetical proteins	
2.109	0	r	c	t	t	t	l	e	e	Hypothetical proteins	
0	0	o	a	h	H	e			t	Hypothetical proteins	
0	0	t	l	e	y	i	p	i	i	Hypothetical proteins	
0	0	23.519	e	t	p	n	r	c	c	Hypothetical proteins	
0	0	i	p	i	o	s	o	a	a	Hypothetical proteins	
0	0	n	r	c	t	t	t	t	l	Hypothetical proteins	
63.66	0	s	o	a	h	H	e			Hypothetical proteins	
1	0	t	l	e	y	i	p			Hypothetical proteins	
96.67	0	H	e	t	p	i	n	r	r	Hypothetical proteins	
6.0	501.111	y	i	p	i	o	s	o	t	Hypothetical proteins	
0	143.209	p	n	r	c	t			e	Hypothetical proteins	
0	36.542	o	s	o	a	h	H	e	i	Hypothetical proteins	
2.391	0	t	t	l	e	y	i	p	n	Hypothetical proteins	
883.3	0	h	H	e	t	p	i	o	s	Hypothetical proteins	
2.0	0	e	y	i	p	r	c	t	s	Hypothetical proteins	
0	0	43.562	t	p	n	r	a	h	H	Hypothetical proteins	
491.60	16.137	c	t	t	p	s	o	a	t	Hypothetical proteins	
4	0	a	h	H	e	l	e	y	p	Hypothetical proteins	
2.534	0	l	e	y	i	p	i	o	o	Hypothetical proteins	
4.31	181.708	t	p	n	r	s	o	a	t	Hypothetical proteins	
0	232.714	p	i	o	t	o	o	h	h	Hypothetical proteins	
0	9.488	r	c	t	h	e	i	p	i	Hypothetical proteins	
0	0	o	a	l	e	y	i	p	i	Hypothetical proteins	
32.94	0	e	t	t	p	i	o	r	c	Hypothetical proteins	
7	0	i	p	i	o	s	o	s	a	Hypothetical proteins	
1.982	0	n	r	c	t	t	t	t	l	Hypothetical proteins	
0	0	s	o	a	h	H	e			Hypothetical proteins	
55.94	0	H	e	t	l	e	y	i	p	Hypothetical proteins	
3.0	0	0	y	i	p	t	p	n	r	Hypothetical proteins	
0	0	0	p	n	r	i	o	s	o	Hypothetical proteins	
0	0	o	s	r	o	a	h	H	e	Hypothetical proteins	
0	0	t	t	l	e	t	y	i	n	Hypothetical proteins	
0	0	34.276	h	H	e	t	p	i	s	Hypothetical proteins	
0	0	e	y	i	p	i	o			Hypothetical proteins	
0	0	t	p	n	r	c	t			Hypothetical proteins	
0	0	6.39	i	o	s	o	a	h	H	Hypothetical proteins	
480.64	0	c	t	s	t	l	e	y	p	Hypothetical proteins	
5.0	0	a	h	H	e	t	t	p	o	Hypothetical proteins	
32.657	0	l	e	y	i	p	i	o	t	Hypothetical proteins	
21.333	28.343	t	p	n	r	s	o	a	h	Hypothetical proteins	
0	30.92	p	i	o	t	t	l	e	e	Hypothetical proteins	
0	0	r	c	t	h	e	i	t	t	Hypothetical proteins	
0	0	o	a	h	H	e				Hypothetical proteins	
158.98	888.176	t	l	e	y	i	p	i	c	Hypothetical proteins	
3	0	e	t	t	p	n	r	c	t	Hypothetical proteins	
8.259	13.861	i	p	i	o	s	o	a	a	Hypothetical proteins	
2.353	0	n	r	c	t	t	t	t	l	Hypothetical proteins	
156.88	0	s	o	a	h	H	e			Hypothetical proteins	
1.0	31.433	t	l	e	y	i	p	i	p	Hypothetical proteins	
0	0	H	e	t	t	p	i	n	r	Hypothetical proteins	
0	0	y	i	p	i	o	o	s	o	Hypothetical proteins	
8.	23.15	p	n	r	c	t	t	t	t	Hypothetical proteins	
6	73.54	o	s	r	a	h	H	e	i	Hypothetical proteins	
0	0	t	t	l	e	y	i	p	n	Hypothetical proteins	
326.03	0	h	H	e	i	p	t	i	o	Hypothetical proteins	
8.0	0	e	y	i	p	r	c	t	p	Hypothetical proteins	
7.149	0	t	p	n	r	a	h	H	y	Hypothetical proteins	
0	0	i	o	s	t	t	e	t	p	Hypothetical proteins	
0	0	28.374	a	h	H	e	t	t	o	Hypothetical proteins	
0	0	1	e	y	i	p	i	i	o	Hypothetical proteins	
0	0	130.687	t	p	n	r	c	t	t	Hypothetical proteins	
2.72	0	p	i	o	s	o	o	a	h	Hypothetical proteins	
1	213.947	r	c	t	h	H	e	i	t	Hypothetical proteins	
15.8	0	o	a	l	e	y	i	p	i	Hypothetical proteins	
80.208	0	t	l	e	p	n	r	c	c	Hypothetical proteins	
49.696	0	i	p	i	o	s	o	t	a	Hypothetical proteins	
153.202	0	n	r	c	t	t	t	t	l	Hypothetical proteins	
107.029	23.645	s	t	a	h	H	e	i	p	Hypothetical proteins	
5781.25	0	H	e	t	l	e	y	i	n	Hypothetical proteins	
1.2307	0	y	i	p	r	i	o	s	o	Hypothetical proteins	
14.093	0	p	n	r	c	t	t	t	t	Hypothetical proteins	
0	192.242	o	s	t	a	h	H	e	i	Hypothetical proteins	
0	0	t	h	H	e	i	p	y	n	Hypothetical proteins	
0	0	e	y	i	p	r	c	t	s	Hypothetical proteins	
2.684	0	t	p	n	s	o	a	h	H	Hypothetical proteins	
0	25.857	i	o	s	t	l	e	y	p	Hypothetical proteins	
63.65	0	c	t	h	H	e	i	t	p	Hypothetical proteins	
7	0	a	h	H	e	p	r	c	o	Hypothetical proteins	
58.35	0	l	e	p	n	r	c	t	t	Hypothetical proteins	
4.788	0	t	p	i	o	s	o	a	h	Hypothetical proteins	
2.212	39.42	p	i	c	t	t	t	t	e	Hypothetical proteins	
373.07	0	o	a	h	H	e	y	i	t	Hypothetical proteins	
2.0	0	t	l	e	y	i			i	Hypothetical proteins	
0	10.165	0	10.165	0	10.165	0	10.165	0	10.165	0	Hypothetical proteins

sll1461	145.851	79.63	0	115.155	84.791	98.535	93.516	0	0	20.007	0	0	0
sll1752	146.118	146.044	179.17	164.193	118.07	120.392	171.511	0	0	9.675	0	0	0
sll0333	146.679	197.364	0	108.287	1	103.473	0	18.959	0	620.053	0	0	0
sll0281	146.748	81.015	23.665	184.019	110.26	167.08	88.095	0	3.02	20.931	0	0	0
sll1002	146.972	69.315	40.494	147.256	6	130.559	45.223	4.439	129.214	18.815	9.981	44.965	29.875
sll0789	147.287	264.921	66.329	174.09	182.82	133.664	111.114	0	0	279.257	7.272	0	0
sll1916	147.77	70.043	0	132.018	5	116.889	205.643	0	0	48.061	19.962	42.01	0
sll0392	148.304	26.664	233.657	88.954	126.04	143.807	208.759	0	0	59.45	137.513	0	5.074
sll1923	148.594	132.818	0	153.227	9	230.581	0	0	0	266.054	0	0	0
sll0914	149.508	135.146	726.015	127.114	145.52	173.054	57.505	91.438	44.362	101.645	45.349	16.02	0
sll0071	149.56	94.841	0	145.577	2	56.491	82.504	72.883	143.207	41.131	0	0	0
sll1187	150.117	101.431	0	148.322	82.869	162.958	39.706	0	0	32.752	69.814	0	72.723
sll1552	150.186	104.132	43.8	126.163	78.867	156.591	73.374	648.184	484.285	19.141	0	0	0
sll0637	150.295	147.772	11.772	156.561	78.569	201.298	78.882	0	2.254	1160.205	0	58.954	6.75
sll1939	150.445	196.446	14.345	172.742	114.70	140.14	96.126	0	0	12.669	60.639	0	0
sll1036	150.713	168.175	63.159	124.637	6	172.382	94.048	0	0	108.6	0	0	0
sll1563	150.866	146.029	82.029	113.027	141.29	100.376	146.575	2.158	0.628	31.029	516.95	0	35.092
sll0723	151.268	174.791	153.17	207.226	9	184.351	69.979	14.882	0.666	243.709	9.782	81.047	0
sll1233	152.742	107.38	20.91	173.941	206.00	120.298	93.411	0	0				
sll1880	152.796	95.126	0	101.356	8	183.308	46.548	0	0				
sll1220	152.839	99.613	0	144.118	106.77	136.702	151.646	19.137	0				
sll1509	153.418	0	28.039	106.274	3	168.917	62.628	0	0				
sll0725	153.786	227.892	0	199.835	113.90	190.466	198.246	0	84.965				
sll1273	153.956	140.787	233.756	105.848	5	88.411	14.503	8.541	6.216				
sll1855	154.234	162.09	45.655	162.751	112.98	190.907	147.299	0	0				
sll0664	155.278	174.529	25.49	176.981	1	148.72	0	0	0				
sll2008	155.297	30.083	1080.815	121.579	123.17	138.097	117.761	0	0				
sll0280	155.614	172.157	58.668	153.633	2	151.081	56.161	413.432	285.626				
sll0177	156.062	111.231	153.17	136.03	112.22	179.49	31.102	0	1.333				
sll1013	156.734	133.764	21.978	156.039	6	131.5	32.727	14.455	15.429				
sll0702	156.736	80.603	23.544	128.329	178.20	237.952	52.588	0	0				
sll0518	157.247	72.946	0	157.993	7	162.829	107.084	0	0				
sll1940	157.367	178.211	0	128.988	162.33	160.778	0	0	0				
sll0554	157.639	122.187	74.356	131.336	2	142.697	86.362	3.912	0				
sll0219	157.793	100.562	25.918	152.745	98.477	216.731	57.891	0	421.79				
sll0937	157.859	126.304	22.136	149.239	115.67	157.106	98.886	0	0	34.332			
sll0355	158.053	127.601	27.954	194.872	1	142.697	104.064	6.129	217.649				
sll0366	158.077	98.946	261.889	144.347	75.712	184.523	71.143	0	0.339				
sll1730	158.096	83.404	14.617	139.98	219.69	119.451	97.949	0	5.597				
sll0441	158.266	114.523	33.452	129.933	2	134.429	59.775	52.805	3.843				
ssr2912	158.294	122.779	0	154.577	94.972	136.979	0	0	0				
sll1209	158.532	0	56.078	158.941	149.53	185.725	125.255	295.065	161.047				
sll1103	158.575	114.501	0	134.693	5	98.366	97.441	2.869	0				
sll0209	158.766	70.595	35.35	145.693	149.13	104.411	39.479	40.688	1.692				
ssr2142	158.869	116.033	0	121.074	118.63	240.294	302.815	0	0				
sll0374	159.795	49.079	6.144	45.647	7	27.446	0	0	0				
sll1958	159.804	122.575	0	124.555	116.92	0	0	0	0				
sll0763	159.853	146.653	0	117.246	8	114.817	0	0	0				
sll0303	159.878	76.278	0	167.19	140.99	149.298	12.561	0	0				
sll1911	160.038	218.274	0	188.861	9	0	0	0	13.733				
sll0667	160.354	1193.449	2942.472	173.61	130.23	2454.717	0	0	3461.591				
sll1288	160.394	54.149	363.787	123.347	3	35.328	0	0	30.282				
sll1372	160.403	140.276	0	165.487	90.065	174.722	58.799	0	136.929				
sll1174	160.782	115.189	123.371	164.019	143.84	200.409	0	0	328.536				
sll1261	160.947	156.43	17.135	122.132	162.52	76.545	0	0	0				
sll1213	161.032	168.674	39.416	200.46	5	110.049	97.216	5.66	0				
ssr2843	161.089	159.985	0	171.049	117.79	156.569	0	0	0				
sll0431	161.14	196.316	49.152	154.148	139.97	219.571	0	0	0				
sll0867	161.172	147.335	0	179.238	2	192.252	84.917	2.747	0				
sll0962	161.699	103.086	174.217	116.763	159.39	72.061	0	0	19.766				
sll0406	161.815	217.263	0	128.996	4	42.525	0	0	0				
sll1918	161.872	215.49	62.944	115.592	111.12	140.593	0	0	0				
sll1704	162.214	76.793	11.216	137.31	8	125.255	0	0	0				
sll2019	162.225	130.358	0	159.098	136.17	127.575	13.66	0	0				
sll1818	163.747	139.393	0	118.305	7	68.208	0	0	0				
sll1191	164.593	52.143	0	118.779	164.46	0	0	0	0				
sll1621	164.615	92.623	16.233	205.544	1	36.258	0	0	1093.991				
sll0061	164.959	126.835	0	173.819	240.87	62.063	0	0	0				
sll1280	165.614	57.889	10.146	150.415	7	158.629	0	0	0				
sll1567	165.969	128.656	96.635	161.391	185.61	152.89	0	0	0				
ssl1300	166.143	122.779	251.046	98.039	2	0	0	0	13.733				
sll0606	166.401	147.575	19.398	172.421	189.28	115.54	0	0	0				
sll102	167.663	107.845	8.591	138.465	149.21	153.516	45.205	3.29	0				
sll0951	167.786	182.84	0	184.513	1	59.645	35.127	58.795	0				
sll1544	168.219	169.215	0	121.855	117.32	66.241	0	0	5.678				
sll0154	168.881	152.037	99.923	162.441	8114.44	133.912	4.381	0	0				
sll1132	169.108	94.536	133.822	120.659	48.388	28.467	0	2.44	0				
sll1236	169.199	164.984	24.096	227.111	155.37	0	0	0	0				
ss3364	169.51	140.787	0	173.8	9	183.708	2055.622	86.608	0				
sll1661	169.79	188.074	14.126	218.514	115.67	147.247	396.424	12.622	0				
ssr2998	170.464	53.328	0	83.076	1	0	0	0	0				
sll1148	170.546	170.546	148.981	217.579	159.00	109.35	10.733	3.124	0				
sll1486	170.663	277.868	11.595	150.901	3	233.088	106.767	8.88	0				
sll0149	170.91	89.673	39.29	128.822	295.90	87.759	0	0	0				
sll0619	171.016	131.105	17.675	193.121	3	78.958	342.94	10.152	0				
sll1753	171.074	158.888	19.387	156.539	374.93	90.542	5.796	8.098	0				
sll1307	173.065	89.787	62.944	170.486	4	70.296	41.399	3.013	0				
sll1273	173.352	71.83	0	160.457	103.21	187.457	110.399	4.017	0				



slr0881	177.414	236.9	29.657	215.858	166.833	198.722	39.011	244.152	42.515	Hypothetical proteins
slr1659	177.642	216.12	27.055	250.01	206.99	181.291	0	0	0	Hypothetical proteins
ssr2406	177.76	46.929	493.484	165.524	175.82	0	0	0	0	Hypothetical proteins
slr1048	178.256	139.808	125.576	147.474	126.813	88.935	70.507	50.431	4.391	Hypothetical proteins
slr0590	179.114	105.901	163.767	158.566	175.656	158.509	46.675	320.859	15.652	Hypothetical proteins
slr1914	179.16	207.039	0	181.694	110.811	289.456	0	0	0	Hypothetical proteins
slr0060	181.835	104.639	158.382	168.46	135.054	18.619	82.24	6.384	0	Hypothetical proteins
sll1924	182.01	159.985	38.235	171.21	157.733	256.204	41.913	2.44	36.542	Hypothetical proteins
sll1469	182.135	61.533	10.784	137.454	101.92	96.35	7.093	169.306	15.46	Hypothetical proteins
ssr3409	182.536	107.745	0	184.209	233.703	70.296	0	0	0	Hypothetical proteins
slr0438	182.823	65.179	57.116	146.558	96.393	127.575	18.783	0	0	Hypothetical proteins
sll1886	183.046	223.471	65.276	209.916	216.654	0	0	9.373	0	Hypothetical proteins
sll1442	183.308	273.077	186.12	138.68	149.575	59.388	139.902	865.398	0	Hypothetical proteins
sll1004	183.856	160.39	39.041	195.643	179.217	156.966	236.239	7.475	2026.087	Hypothetical proteins
sll0293	183.892	164.663	0	130.677	125.818	120.86	0	0	25.857	Hypothetical proteins
sll1201	184.044	132.818	46.555	114.188	128.329	51.993	160.755	69.078	0	Hypothetical proteins
sll0360	185.555	113.946	0	195.183	169.762	49.561	0	4.248	0	Hypothetical proteins
sll1616	186.195	144.08	18.037	161.531	158.287	120.86	0	590.507	64.643	Hypothetical proteins
slr0023	186.322	103.015	15.045	138.526	182.817	134.42	9.895	0	64.706	Hypothetical proteins
sll0761	186.573	263.975	0	142.247	115.671	229.635	0	0	0	Hypothetical proteins
srr1425	187.737	84.811	37.16	173.875	91.979	249.002	1246.473	42.687	0	Hypothetical proteins
slr1864	188.141	207.039	423.332	190.532	311.048	154.376	176.151	6.616	1201.379	Hypothetical proteins
sll0872	188.365	235.902	24.807	237.553	215.837	166.224	0	132.983	248.936	Hypothetical proteins
sll0445	188.38	156.114	323.352	182.398	142.723	166.67	65.438	3.572	0	Hypothetical proteins
sll1681	189.614	87.717	172.95	128.107	129.725	64.384	82.154	1.84	13.774	Hypothetical proteins
sll1339	190.452	138.026	20.159	162.279	172.373	90.053	0	15.438	86.697	Hypothetical proteins
sll1046	191.261	165.631	217.714	174.044	228.621	162.095	0	0	0	Hypothetical proteins
slr1862	191.5	224.659	118.121	187.976	227.404	234.521	86.322	80.409	1241.803	Hypothetical proteins
sll1080	191.548	89.736	8.737	159.428	167.117	78.063	0	8.364	0	Hypothetical proteins
slr0610	192.138	243.786	26.704	239.822	180.267	119.291	17.563	10.225	0	Hypothetical proteins
slr1461	193.07	53.06	30.998	194.688	188.329	138.473	0	0	0	Hypothetical proteins
sll0556	193.419	128.572	28.167	131.323	152.115	62.914	268.624	10.786	0	Hypothetical proteins
slr0420	193.432	540.299	13.528	220.064	264.826	997.099	0	15.54	19.393	Hypothetical proteins
slr0868	193.577	138.026	30.238	185.099	129.279	202.619	0	0	0	Hypothetical proteins
sll1739	193.605	166.206	8.567	139.086	156.156	267.907	11.27	434.679	184.232	Hypothetical proteins
ssr3571	193.69	79.992	0	128.728	118.3	0	115.26	6.71	0	Hypothetical proteins
sll2006	194.286	177.462	0	183.867	215.79	115.782	0	0	0	Hypothetical proteins
sll1862	195.324	146.653	706.814	216.004	216.883	95.681	0	0	0	Hypothetical proteins
slr1636	195.664	255.048	193.699	216.901	174.345	232.963	0	11.411	21.36	Hypothetical proteins
sll0263	195.783	69.013	30.238	259.139	183.713	135.079	0	0	0	Hypothetical proteins
sll1951	195.818	111.382	39.041	123.095	101.029	87.203	0	89.697	0	Hypothetical proteins
ssr3188	196.261	156.43	0	171.846	169.651	76.545	0	538.017	0	Hypothetical proteins
sll1378	196.556	372.67	0	280.539	244.951	243.143	71.597	13.894	0	Hypothetical proteins
sll0688	197.096	144.464	0	190.306	155.379	231.349	7.569	0	0	Hypothetical proteins
slr1813	197.252	159.985	0	122.598	99.147	0	0	0	28.711	Hypothetical proteins
sll2318	197.526	359.966	35.049	226.89	189.28	313.138	0	6.71	0	Hypothetical proteins
slr1478	197.771	154.954	184.281	156.155	157.138	194.973	0	3.714	13.904	Hypothetical proteins
slr0181	198.127	12.94	0	169.822	135.233	75.982	663.762	26.052	0	Hypothetical proteins
slr2125	198.903	66.409	46.555	150.689	180.709	181.975	7.655	135.928	0	Hypothetical proteins
sll1254	199.561	182.576	35.554	177.539	172.007	138.972	23.384	27.228	12.742	Hypothetical proteins
sll0060	200.881	224.442	44.7	200.908	201.167	199.682	0	10.27	346.036	Hypothetical proteins
sll0321	201.227	211.603	210.151	155.075	193.326	41.417	626.053	20.117	17.722	Hypothetical proteins
sll2250	202.13	238.621	0	199.015	247.026	233.527	0	0	0	Hypothetical proteins
sll1316	202.446	225.095	8.966	198.184	177.542	120.158	5.897	5.15	0	Hypothetical proteins
sll0198	203.039	128.321	0	216.065	245.801	143.522	0	0	0	Hypothetical proteins
sll0822	203.377	0	47.45	158.362	133.467	52.993	0	127.186	0	Hypothetical proteins
sll1789	203.605	92.623	56.191	148.792	147.516	83.673	12.319	103.996	1333.631	Hypothetical proteins
sll1999	203.661	102.764	45.026	232.202	136.779	100.57	0	0	0	Hypothetical proteins
sll1608	204.292	132.387	8.001	230.252	197.136	98.287	10.524	0.766	5.735	Hypothetical proteins
sll1853	205.415	113.538	19.899	195.892	179.104	266.673	0	0	0	Hypothetical proteins
slr2006	205.447	183.635	0	178.568	193.12	179.714	0	154.045	0	Hypothetical proteins
sll1060	206.226	119.253	59.715	198.943	197.525	166.724	0	196.645	25.682	Hypothetical proteins
sll2011	206.449	175.983	15.421	223.716	197.798	103.336	0	2.953	22.108	Hypothetical proteins
sll0410	206.468	154.711	67.786	166.547	83.893	75.704	0	0	0	Hypothetical proteins
slr0111	206.909	121.368	0	173.61	279.206	39.592	0	376.703	0	Hypothetical proteins
sll0765	207.068	113.538	22.11	150.544	176.616	123.46	0	0	269.415	Hypothetical proteins
sll298	207.527	121.047	32.638	174.063	167.08	100.237	622.526	22.652	5.849	Hypothetical proteins
sll0737	207.98	146.993	14.312	198.504	188.402	111.887	56.48	1.37	0	Hypothetical proteins
sll0241	208.352	144.502	497.464	186.275	160.786	161.62	0	19.049	0	Hypothetical proteins
sll1186	208.779	141.731	103.499	170.107	190.974	138.706	0	0	0	Hypothetical proteins
ssr2153	208.819	53.328	46.731	13.323	31.547	0	0	0	0	Hypothetical proteins
sll0230	208.875	28.85	25.281	222.169	187.729	56.468	0	0	0	Hypothetical proteins
sll0210	209.014	193.743	9.432	200.103	180.404	63.202	6.204	516.468	13.522	Hypothetical proteins
slr1441	209.435	54.149	189.802	140.059	192.192	105.985	0	0	0	Hypothetical proteins
sll0149	209.531	132.363	26.361	135.638	141.178	82.433	6.935	1.009	0	Hypothetical proteins
sll1510	210.437	327.742	12.487	236.643	174.209	418.363	41.064	4480.2	214.813	Hypothetical proteins
slr0421	211.062	140.787	0	213.319	185.999	110.225	0	4.724	17.686	Hypothetical proteins
sll0624	211.215	166.022	29.097	184.458	268.444	194.973	0	0	41.713	Hypothetical proteins
sll1095	211.746	116.215	29.097	143.955	108.032	194.973	0	0	0	Hypothetical proteins
sll1263	211.756	119.564	0	187.027	187.137	73.132	0	0	0	Hypothetical proteins
sll1123	212.318	178.037	24.002	155.984	156.629	53.611	0	0	0	Hypothetical proteins
sll0337	212.838	216.966	80.276	195.355	212.011	150.993	0	20.223	36.342	Hypothetical proteins
slr1866	213.223	210.758	9.234	148.984	153.766	82.504	2909.243	65.415	79.429	Hypothetical proteins
sll1024	213.353	179.183	0	187.343	169.09	150.306	14.753	25.768	80.392	Hypothetical proteins
sll1109	213.474	198.545	0	194.703	192.192	35.328	0	15.141	0	Hypothetical proteins
sll1783	213.61	332.941	1125.345	194.323	356.392	372.381	0	51.869	29.875	Hypothetical proteins
sll1764	214.115	121.368	0	215.467	157.951	237.553	0	0	121.974	Hypothetical proteins
ssr3300	214.298	419.008	0	196.437	181.769	82.012	0	0	52.638	Hypothetical proteins
sll0788	215.019	160.797	767.155	97.151	147.965	34.97	0	0	0	Hypothetical proteins
sll0605	215.169	219.979	0	184.76	173.507	43.057	355.001	11.072	0	Hypothetical proteins
sll1721	215.428	128.507	50.049	156.123	139.368	83.842	20.574	8971.389	295.967	Hypothetical proteins
sll1613	215.766	192.858	0	184.231	156.869	94.37	55.577	12.134	30.285	Hypothetical proteins
sll1546	215.77	231.339	86.881	125.066</td						

<i>sll1464</i>	220.374	72.57	0	229.835	214.647	142.042	0	0	0	Hypothetical proteins
<i>sll0614</i>	220.783	79.391	0	209.239	245.258	103.595	0	0	0	Hypothetical proteins
<i>sll1049</i>	220.831	236.721	21.836	209.011	202.68	146.316	183.11	22.993	133.038	Hypothetical proteins
<i>sll0416</i>	221.952	119.716	0	152.716	132.196	93.729	0	1835.793	180.472	Hypothetical proteins
<i>sll0470</i>	222.306	150.574	0	195.564	200.414	221.039	0	0	23.645	Hypothetical proteins
<i>sll0309</i>	222.599	45.318	0	129.871	113.189	147.834	43.532	2.534	0	Hypothetical proteins
<i>sll0775</i>	222.781	251.405	514.046	217.989	192.785	109.35	0	0	0	Hypothetical proteins
<i>sll1319</i>	223.99	149.319	0	187.469	161.94	146.131	92.208	7.158	0	Hypothetical proteins
<i>sll0579</i>	224.536	298.277	235.242	176.658	188.211	58.382	0	0	0	Hypothetical proteins
<i>sll1225</i>	225.763	328.502	164.495	330.359	347.013	183.708	13.524	82.671	206.34	Hypothetical proteins
<i>sll1954</i>	226.127	226.513	30.537	187.444	164.917	204.625	351.486	1280.406	87.556	Hypothetical proteins
<i>sll0545</i>	226.18	160.649	12.798	233.949	192.945	57.17	8.417	453.293	55.04	Hypothetical proteins
<i>sll1052</i>	226.363	168.944	24.674	206.078	183.223	220.449	3359.319	94.481	35.373	Hypothetical proteins
<i>sll1376</i>	226.533	221.961	0	243.719	206.332	372.381	0	0	0	Hypothetical proteins
<i>sll0361</i>	229.313	156.928	19.645	210.2	181.243	351.034	0	0	0	Hypothetical proteins
<i>sll0545</i>	230.013	189.95	0	209.368	189.48	87.48	0	39.367	0	Hypothetical proteins
<i>sxr1698</i>	230.232	72.57	31.797	209.571	221.802	0	0	0	0	Hypothetical proteins
<i>sll1174</i>	230.574	147.21	0	245.454	208.472	261.941	0	0	0	Hypothetical proteins
<i>sll0869</i>	232.209	177.498	49.318	210.023	193.781	220.314	49.903	7.99	48.947	Hypothetical proteins
<i>sll0664</i>	234.358	114.647	10.047	150.124	137.901	157.079	13.215	0	28.805	Hypothetical proteins
<i>sll0853</i>	234.639	207.039	49.48	197.224	185.569	110.519	0	0	23.645	Hypothetical proteins
<i>sll1530</i>	235.479	281.937	79.697	252.617	195.475	267.017	5.242	3.052	1725.212	Hypothetical proteins
<i>sll1127</i>	235.667	186.649	11.683	230.221	244.487	104.379	15.368	2.237	0	Hypothetical proteins
<i>sll0755</i>	236.203	132.46	99.493	224.147	238.805	222.227	10.906	139.69	594.297	Hypothetical proteins
<i>sll1194</i>	236.869	189.399	0	261.183	245.866	61.785	0	5.296	0	Hypothetical proteins
<i>sxr3410</i>	236.946	142.209	31.154	239.822	294.436	0	0	0	44.662	Hypothetical proteins
<i>sll1773</i>	237.567	135.953	92.661	138.973	154.89	118.267	0	2.534	18.977	Hypothetical proteins
<i>sll1121</i>	238.073	159.777	12.001	200.532	189.034	116.158	0	0.766	0	Hypothetical proteins
<i>sll0269</i>	238.514	70.393	15.421	205.353	256.79	34.445	10.143	5.905	0	Hypothetical proteins
<i>sll1601</i>	238.975	220.509	14.864	185.591	163.891	199.201	0	8.537	0	Hypothetical proteins
<i>sll0503</i>	239.58	200.065	25.973	252.206	227.933	203.046	17.083	13.675	0	Hypothetical proteins
<i>sxr2611</i>	240.355	106.656	0	262.55	336.498	313.138	0	0	0	Hypothetical proteins
<i>sll0423</i>	240.519	90.248	19.771	203.258	235.791	44.161	0	0	0	Hypothetical proteins
<i>sll1724</i>	240.722	185.945	81.471	279.712	235.707	77.989	7.655	2.228	50.056	Hypothetical proteins
<i>sll0229</i>	241.058	133.046	42.396	180.598	176.488	188.368	6.971	2.029	0	Hypothetical proteins
<i>sxr2439</i>	241.659	35.915	0	200.043	127.474	70.296	0	18.077	0	Hypothetical proteins
<i>sg0002</i>	243.014	351.966	0	203.802	208.208	275.562	0	35.43	0	Hypothetical proteins
<i>sll0226</i>	243.531	145.742	204.341	177.99	225.595	142.63	302.396	25.674	228.86	Hypothetical proteins
<i>sll1355</i>	243.558	174.049	33.893	238.452	217.36	151.408	0	9.734	24.294	Hypothetical proteins
<i>sll0263</i>	243.764	337.301	0	225.44	159.048	373.157	0	4.921	0	Hypothetical proteins
<i>sll1079</i>	244.105	149.319	0	257.377	256.58	125.255	0	0	0	Hypothetical proteins
<i>sll1845</i>	244.35	197.981	539.749	276.089	242.909	86.113	0	3.691	0	Hypothetical proteins
<i>sll1956</i>	244.833	237.076	127.846	223.254	215.76	35.695	10.511	21.417	0	Hypothetical proteins
<i>sll0001</i>	244.929	153.029	0	172.849	198.293	128.367	0	7.335	0	Hypothetical proteins
<i>sll1350</i>	246.443	229.352	7.73	189.404	168.723	69.063	0	0	0	Hypothetical proteins
<i>sxr1407</i>	247.671	97.768	0	234.924	221.703	95.681	0	0	0	Hypothetical proteins
<i>sll0439</i>	248.769	133.214	30.72	211.542	186.641	109.786	210.131	12.939	8.808	Hypothetical proteins
<i>sll0658</i>	248.904	180.224	37.16	175.901	171.416	62.25	6.11	26.68	13.318	Hypothetical proteins
<i>sxr3291</i>	249.291	185.245	357.127	182.948	241.083	72.516	0	0	0	Hypothetical proteins
<i>sll0023</i>	249.749	149.271	13.769	179.426	206.039	76.887	0	30.316	0	Hypothetical proteins
<i>sll0696</i>	250.337	169.331	21.198	177.22	159.793	118.368	0	0	0	Hypothetical proteins
<i>sll1949</i>	251.552	255.46	24.873	192.305	212.686	250.006	155.415	2.381	0	Hypothetical proteins
<i>sll1942</i>	251.926	220.842	290.285	244.838	176.909	108.063	15.91	0	17.339	Hypothetical proteins
<i>sll1830</i>	253.218	254.906	60.139	209.787	187.523	172.706	0	1.645	49.265	Hypothetical proteins
<i>sll0049</i>	255.043	167.603	1855.205	223.332	194.814	155.392	183.029	26.639	0	Hypothetical proteins
<i>sll1572</i>	255.212	135.847	21.644	204.364	163.157	120.86	0	0	0	Hypothetical proteins
<i>sll1763</i>	255.848	182.501	0	224.914	226.201	102.06	0	48.115	0	Hypothetical proteins
<i>sll1064</i>	256.056	259.799	43.364	312.903	262.242	121.073	64.173	1.038	349.685	Hypothetical proteins
<i>sll1450</i>	256.086	134.082	20.426	279.322	310.66	196.83	0	0	0	Hypothetical proteins
<i>sll0447</i>	256.172	183.18	171.986	175.177	178.022	179.269	0	13.171	0	Hypothetical proteins
<i>sll0440</i>	256.918	223.262	11.508	162.706	165.738	128.527	15.139	0	0	Hypothetical proteins
<i>sll0191</i>	257.443	98.498	40.28	219.451	224.005	102.822	0	0	8.249	Hypothetical proteins
<i>sll1510</i>	257.859	213.666	74.894	244.244	259.685	197.699	4.478	15.643	4.88	Hypothetical proteins
<i>sll1634</i>	257.865	168.944	49.348	254.907	283.163	275.562	0	0	0	Hypothetical proteins
<i>sll0479</i>	258.541	93.236	20.426	283.296	225.214	91.246	13.434	0	0	Hypothetical proteins
<i>sxr0954</i>	260.562	195.537	21.419	294.912	409.668	143.522	0	12.302	61.411	Hypothetical proteins
<i>sll0456</i>	261.561	158.069	27.703	235.091	226.494	165.007	0	10.608	0	Hypothetical proteins
<i>sll0208</i>	262.01	297.818	142.351	314.536	242.909	185.474	31.209	43.152	0	Hypothetical proteins
<i>sll0655</i>	263.862	155.565	0	208.048	230.064	228.366	0	0	0	Hypothetical proteins
<i>sll0564</i>	265.145	139.499	9.403	258.316	315.274	315.048	0	63.011	13.48	Hypothetical proteins
<i>sll1047</i>	265.54	174.091	338.276	199.007	182.089	162.967	100.338	20.319	9.509	Hypothetical proteins
<i>sll0494</i>	265.62	128.2	20.426	157.577	158.569	114.057	134.343	9.777	0	Hypothetical proteins
<i>sll1960</i>	266.505	199.697	0	228.916	177.198	244.292	0	0	0	Hypothetical proteins
<i>sll1562</i>	266.749	227.075	457.667	215.582	174.626	311.118	549.678	19.049	0	Hypothetical proteins
<i>sll0931</i>	267.293	269.019	0	248.747	203.345	263.276	0	0	0	Hypothetical proteins
<i>sxr3122</i>	268.184	163.705	215.182	339.228	266.313	240.316	1179.404	48.064	0	Hypothetical proteins
<i>sll1627</i>	268.494	204.039	104.299	235.142	271.576	166.402	146.998	5.705	21.36	Hypothetical proteins
<i>sll1315</i>	268.518	119.649	0	166.315	165.151	97.579	0	48.512	75.154	Hypothetical proteins
<i>sll1571</i>	269.801	212.973	19.645	285.153	282.915	329.095	684.805	9.403	14.081	Hypothetical proteins
<i>sll1268</i>	271.275	129.1	601.375	217.79	219.73	172.891	90.072	1.14	0	Hypothetical proteins
<i>sll1681</i>	273.736	270.21	42.5	279.302	245.915	284.783	0	0	0	Hypothetical proteins
<i>sll1195</i>	276.185	386.028	0	281.992	250.745	177.782	0	0	0	Hypothetical proteins
<i>sll1084</i>	276.589	195.085	7.123	185.522	280.496	119.325	11.712	143.194	1107.945	Hypothetical proteins
<i>sll0019</i>	277.235	260.132	17.269	274.966	319.423	177.433	331.659	43.643	732.802	Hypothetical proteins
<i>sll0266</i>	277.589	213.055	14.936	234.584	236.944	166.805	9.824	7.149	0	Hypothetical proteins
<i>sll1411</i>	278.075	158.094	87.497	286.39	269.079	162.862	38.365	2.792	0	Hypothetical proteins
<i>sll0328</i>	278.454	226.264	44.061	243.114	213.165	246.037	0	0	0	Hypothetical proteins
<i>sll0426</i>	278.942	203.617	76.47	267.181	235.166	170.803	0	4.88	0	Hypothetical proteins
<i>sll0871</i>	279.299	221.517	0	259.355	698.88	48.175	0	0	0	Hypothetical proteins
<i>sll1262</i>	279.709	121.788	320.167	26.361	236.084	225.41	117.761	0	2.04	

sll0832	289.778	301.024	0	279.05	2	223.732	362.581	0	0	0	27.182
sll0625	291.526	209.16	12.64	258.10	368.33	211.906	112.935	12.471	25.411	2231.447	0 0 0 0 0 0 0 0 0 0 0
sll1957	293.884	328.941	201.775	1	7254.8	214.046	257.534	0	0	12.455	163.762 5.862 0 0 0 0 0 0 0 0
sll0297	294.182	125.702	15.736	228.65	384.23	212.457	210.889	0	0	17.006	29.875 0 227.395 0 12.966 0 230.508 0 269.334 0 0
sll1761	294.987	154.522	135.407	9	2	165.889	134.42	0	5.761	0	0 0 0 0 0 0 0 0 0 0
sll0879	295.224	317.564	0	214.82	345.86	203.512	155.392	0	4.44	191.647	272.097 0 58.564 0 0 0 0 0 0 0
sll0415	295.686	237.949	130.322	2	5	234.601	174.652	0	3.327	624.787	21.005 106.728 163.762 0 206.023 7.419 41.517 137.103 0
sll1421	296.371	228.126	0	197.06	263.80	263.473	63.787	0	10.935	0	0 0 0 0 0 0 0 0 0 0
sll1403	296.593	263.654	107.341	5	4	243.611	216.924	11.43	22.117	31.583	0 386.438 25.558 0 0 0 0 0 0 0
sll0462	296.594	287.711	25.212	246.57	322.91	270.425	131.399	5.527	74.014	15.406	0 0 0 0 0 0 0 0 0 0
sll1906	297.421	252.694	15.817	5	1	234.901	211.971	10.403	0	12.214	0 88.431 7.61 0 0 0 0 0 0 0
sll2106	297.718	249.033	0	249.88	287.19	235.707	162.477	0	0	52.223	0 121.416 67.815 0 0 0 0 0 0 0
sll0101	298.197	239.2	59.889	9	9	235.834	200.652	98.474	791.164	22.219	163.762 575.41 0 165.035 0 17.408 0 59.151 0
sll0635	299.598	438.552	1753.998	230.85	337.86	299.341	198.088	836.058	15.093	1002.706	117.766 0 0 0 0 0 0 0 0 0
sll1647	300.306	270.743	23.725	2	3	274.941	238.467	0	0	227.916	0 25.707 13.399 156.055 0 0 0 0 0 0
sll1472	301.791	166.471	20.84	271.98	273.51	257.915	46.548	13.707	7.98	22.675	0 19.739 0 0 0 0 0 0 0 0
sll1826	302.658	272.65	21.72	7	2	180.838	145.543	14.286	0	18.578	0 86.697 0 0 0 0 0 0 0 0
sll164	304.732	211.18	44.061	288.65	223.82	293.474	59.049	144.898	8.436		
sll1847	305.724	214.24	107.279	2	2	205.19	119.809	0	0		
sll0209	306.011	216.754	217.075	269.50	263.11	211.668	262.632	11.898	25.975		
sll1381	306.132	306.058	0	7	2	251.459	249.603	0	8.558		
sll0298	306.327	183.49	43.852	256.92	318.48	180.907	195.897	9.614	2124.145		
ssr2803	306.714	209.504	36.718	3	9	313.964	164.025	24.15	84.358		
sll1613	306.966	321.594	125.25	195.35	212.82	211.379	489.577	422.191	32.972		
sll0334	307.619	221.961	0	5	3	256.352	372.381	164.447	15.96		
sll1659	309.035	232.853	0	310.35	418.41	220.746	140.235	25.809	49.585		
sll0455	309.789	371.796	0	8	2	356.788	242.572	0	0		
sll0748	312.193	319.969	13.352	277.33	270.10	333.493	357.872	0	0		
sll0353	315.707	287.32	0	2	4	283.276	70.296	124.198	6.026		
sll0242	316.158	44.553	780.83	325.73	250.26	272.34	261.609	0	7.475		
sll1021	317.739	281.991	45.761	6	4	344.954	173.759	108.351	4.381		
sll0712	318.362	174.349	9.549	250.61	341.90	283.627	277.268	0	5.485		
sll0607	318.913	189.52	71.176	7	1	309.643	158.978	0	9.085		
sll0944	321.496	170.65	18.693	229.96	276.95	134.599	125.255	0	17.894		
sll1611	321.873	303.017	142.98	283.82	7	197.637	364.983	255.251	527.936		
sll1811	322.753	285.973	0	239.36	321.39	221.221	43.057	0	0		
sll0888	323.207	208.264	0	7	6	303.893	163.054	0	0		
sll0326	324.977	261.597	208.397	272.87	263.94	154.749	139.643	0	3.99		
sll1657	325.087	293.305	44.7	5	6	231.342	199.682	7.35	2.14		
sll1865	326.162	250.807	36.63	199.06	328.02	253.872	212.726	14.455	361.878		
sll0284	326.948	285.214	202.073	226.61	369.96	268.038	308.819	0	185.297		
sll1022	327.102	188.295	50.77	210.58	8	339.873	141.75	1185.422	29.161		
sll1547	329.411	200.822	18.524	1	351.93	210.501	144.815	6.092	1.773		
sll2119	329.858	290.152	22.11	319.21	8	353.232	74.076	269.022	35.981		
sll2105	330.346	330.707	129.374	2	265.14	300.434	254.294	17.018	173.387		
sll0318	331.445	231.339	72.401	224.41	8	218.309	97.029	19.048	0		
sll1092	332.287	436.548	71.727	392.68	355.96	290.523	267.017	0	27.465		
sll0327	334.707	125.702	44.061	3	3	208.208	246.037	0	101.23		
sll0742	335.931	218.736	34.851	395.67	270.91	231.342	233.527	34.383	0		
sll1489	336.314	188.553	11.015	2	4	255.303	73.811	710.001	14.763		
ssr3573	336.927	296.393	32.466	298.74	244.29	299.527	217.549	0	0		
sll0592	339.692	228.921	25.075	6	8	245.448	238.036	61.847	8.402		
sll0271	340.121	447.587	35.656	160.41	420.59	593.734	557.495	46.903	1853.44		
sll1353	340.987	241.073	264.065	7	4	211.535	188.741	0	2.022		
ssr2087	341.49	207.039	36.286	335.37	283.30	334.766	243.143	0	0		
sll0498	343.108	489.49	20.426	7	5	239.003	273.737	1168.781	262.013		
sll1612	343.204	318.855	139.706	303.47	343.80	270.84	168.025	14.136	148.141		
sll0997	344.165	338.429	33.893	2	3	322.227	340.667	0	1.622		
sll1863	344.291	293.305	28.558	217.25	303.92	173.507	191.362	0	0		
sll1119	345.289	233.348	17.04	160.50	5	318.255	209.336	627.625	29.362		
sll1913	345.624	417.587	0	8	320.21	323.487	291.909	1375.305	40.034		
sll1658	346.52	228.778	61.686	271.99	488.46	256.79	206.671	20.286	1718.374		
sll0727	347.105	430.114	42.469	1	7	330.887	343.859	0	3.049		
sll0861	347.63	149.528	40.317	242.46	242.46	249.487	292.672	178.992	0		
sll1601	348.234	223.471	0	7	316.37	324.981	218.7	0	0		
ssr2848	349.078	289.287	84.501	322.90	2	294.724	283.111	389.042	32.357		
sll1812	350.256	199.226	0	7	232.29	296.816	43.327	0	25.997		
sll0989	351.251	249.425	36.428	192.92	8	366.14	135.611	63.892	16.274		
sll2052	352.759	317.829	20.631	5	209.33	271.576	138.242	0	0		
sll0468	353.353	249.679	585.801	258.63	9	321.814	157.644	0	147.289		
sll0272	354.948	356.285	9.461	1	271.56	393.849	359.245	1985.016	114.116		
sll0647	355.687	424.551	0	292.54	3	297.054	187.639	7.893	105.694		
sll223	355.719	279.503	553.356	2	468.58	251.074	202.619	11.933	0		
sll0641	357.153	324.361	24.119	307.68	9	289.858	202.619	0	31.262		
sll0539	360.699	229.928	69.745	2	431.76	266.799	207.71	86.648	1.484		
sll1776	361.727	347.621	391.654	349.52	372.66	301.112	85.05	0	0		
sll1692	364.105	241.073	84.501	5	4	266.202	235.926	0	4.045		
sll3451	365.646	257.536	150.453	213.74	326.52	186.202	504.076	0	0		
sll0797	367.352	290.112	153.494	295.52	2	357.267	203.564	6.31	0		
sll0183	367.377	257.206	35.588	6	289.12	298.965	264.963	0	0		
sll0654	368.082	263.282	97.143	314.78	7	267.774	244.1	7.987	48.821		
sll0932	368.975	291.57	0	4	318.35	322.373	264.963	0	0		
sll1105	369.691	258.972	97.995	206.90	7	256.488	138.242	3.392	38.511		
sll0355	369.713	307.441	27.87	5	497.05	223.677	207.501	6.11	1.779		
sll1006	373.792	278.881	269.664	279.08	7	411.486	282.338	5.543	0		
sll0386	375.113	213.055	37.34	1	245.91	273.914	200.166	0	0		
sll0569	376.449	310.974	30.967	229.44	7	327.503	221.335	8.147	92.489		
sll1885	377.159	401.205	15.981	3	365.44	309.255	142.778	136.64	12.238		
sll1923	379.251	158.782	216.441	235.83	445.25	278.306	276.252				



sll0678	420.358	891.97	950.634	493.171	494.375	802.149	917.027	173.916	0	Hypothetical proteins
sll0994	425.858	378.038	34.27	436.417	372.718	357.21	1021.8	247.138	294.771	Hypothetical proteins
sll0923	427.624	404.917	163.767	469.656	571.19	426.755	0	0	0	Hypothetical proteins
sll0449	428.158	434.06	49.613	351.129	312.591	203.162	81.578	61.742	0	Hypothetical proteins
sll1528	428.416	338.904	250.578	347.661	307.683	207.293	24.416	7.7	35.479	Hypothetical proteins
sll0812	431.032	228.55	20.028	301.961	338	313.138	13.173	414.122	57.423	Hypothetical proteins
sll1885	431.076	336.989	309.886	316.044	306.816	203.577	2246.778	99.814	36.585	Hypothetical proteins
sll1340	432.203	174.241	213.762	297.042	233.633	341.042	401.698	5.847	0	Hypothetical proteins
sll0801	433.838	371.379	29.585	522.473	432.726	396.492	817.267	22.657	0	Hypothetical proteins
sll0176	433.954	314.256	73.435	238.002	214.818	41.006	12.075	0	0	Hypothetical proteins
sll0405	436.285	214.941	35.316	308.778	344.364	210.353	240.022	0	1687.622	Hypothetical proteins
sll0282	437.296	495.121	47.116	441.493	352.319	189.607	12.407	1.806	94.651	Hypothetical proteins
sll0217	439.653	249.622	240.617	354.38	251.031	244.292	0	8.376	0	Hypothetical proteins
sll1396	443.276	281.573	54.832	337.025	299.203	275.562	207.365	13.122	0	Hypothetical proteins
sll2003	446.985	301.233	34.733	373.851	320.44	186.19	27.413	7.98	0	Hypothetical proteins
sll1537	448.086	327.693	42.542	438.782	373.338	261.309	0	4.072	0	Hypothetical proteins
srr2962	449.276	375.431	164.495	490.365	444.177	367.416	0	0	0	Hypothetical proteins
srl1344	450.422	371.796	152.042	395.415	376.338	485.144	35.714	64.457	0	Hypothetical proteins
sll1749	453.251	425.947	98.225	488.27	459.737	394.913	0	0	0	Hypothetical proteins
srl1215	454.314	457.714	13.831	480.614	522.854	432.496	1610.124	34.424	0	Hypothetical proteins
srl1851	458.309	151.151	170.298	271.325	276.759	169.056	336.022	7.245	108.505	Hypothetical proteins
sll0048	463.685	449.797	59.124	423.561	490.032	264.117	0	43.392	14.126	Hypothetical proteins
srs3341	464.288	347.009	738.489	681.913	439.876	485.144	0	0	1058.686	Hypothetical proteins
srl1774	467.678	400.514	63.813	354.771	256.072	142.532	27.98	2.036	3034.112	Hypothetical proteins
sll1543	470.062	506.253	232.377	639.847	598.954	471.852	125.049	182.005	30.285	Hypothetical proteins
sll1333	470.287	283.363	26.138	286.467	349.954	145.954	0	5.004	0	Hypothetical proteins
sll1927	470.333	335.206	246.363	356.919	327.291	285.721	21.813	0.907	427.894	Hypothetical proteins
srl0398	477.111	477.979	266.543	493.635	484.105	425.25	0	3.645	0	Hypothetical proteins
srl1900	478.833	255.46	497.464	380.856	405.782	250.006	73.618	7.143	0	Hypothetical proteins
srl0489	479.633	486.269	0	448.521	369.843	453.227	0	850.796	116.357	Hypothetical proteins
srl2128	482.064	326.326	40.851	380.24	358.504	593.097	1961.403	750.843	58.564	Hypothetical proteins
srl0363	487.528	293.305	75.595	437.138	394.643	135.079	0	0	0	Hypothetical proteins
srl1977	487.681	632.103	201.422	355.117	368.259	646.727	57.959	7.231	18.047	Hypothetical proteins
sll1250	488.4	300.126	23.909	411.805	532.625	427.228	1839.87	36.621	445.585	Hypothetical proteins
srl0353	490.141	894.341	50.562	410.418	551.808	903.481	1130.681	58.083	36.242	Hypothetical proteins
srl1290	494.204	479.117	32.296	403.248	356.097	432.82	42.483	908.947	23.15	Hypothetical proteins
srl0358	496.079	319.116	32.899	477.813	420.117	257.191	340.801	255.099	825.36	Hypothetical proteins
srl1814	496.48	386.028	99.493	280.323	308.954	88.891	0	3.81	6646.618	Hypothetical proteins
srl1788	498.449	339.968	43.811	425.86	423.908	254.425	593.589	1548.402	251.226	Hypothetical proteins
srl1378	501.789	221.828	933.059	448.15	451.992	173.673	715.967	29.773	18.578	Hypothetical proteins
sll1485	501.793	410.268	56.766	553.757	536.487	380.377	261.35	18.114	0	Hypothetical proteins
sll0930	502.87	426.626	233.657	409.892	357.529	347.932	0	0	0	Hypothetical proteins
sll1691	508.513	233.09	755.75	316.524	326.33	91.246	174.645	39.106	58.564	Hypothetical proteins
sll1142	509.512	323.647	88.629	412.918	354.991	316.738	11.658	3.394	0	Hypothetical proteins
sll0802	514.261	380.504	395.955	465.187	506.452	279.286	13.707	498.739	29.875	Hypothetical proteins
sll1595	516.561	395.885	124.672	476.809	385.453	254.253	770.074	170.199	264.206	Hypothetical proteins
sll0943	517.225	366.3	27.912	340.551	307.758	187.033	1422.756	187.038	0	Hypothetical proteins
sll1652	519.829	333.983	45.026	557.285	577.511	351.995	14.807	4.31	0	Hypothetical proteins
sll0497	520.954	446.334	33.525	550.06	505.432	549.127	176.398	12.837	0	Hypothetical proteins
srl0650	521.317	435.602	1175.69	449.66	347.013	784.396	0	0	37.522	Hypothetical proteins
srl1222	523.5	305.277	31.472	386.1	269.112	246.037	10.35	42.179	0	Hypothetical proteins
sll1892	526.386	310.974	37.16	396.568	365.13	249.002	0	14.229	0	Hypothetical proteins
srl0598	533.587	410.058	29.944	560.452	512.097	200.652	0	0	85.856	Hypothetical proteins
srl0964	537.41	261.981	249.537	478.426	433.486	490.482	210.079	5.733	14.309	Hypothetical proteins
srl0320	537.684	304.332	75.368	365.487	387.455	246.037	102.954	241.975	1903.27	Hypothetical proteins
sll1632	541.281	430.181	0	463.046	447.262	255.15	22.54	161.843	32.752	Hypothetical proteins
sll2015	546.891	343.382	30.091	392.867	413.03	201.631	346.342	14.403	21.569	Hypothetical proteins
sll1447	549.244	443.422	97.143	653.299	612.055	433.956	31.946	4.65	0	Hypothetical proteins
sll0623	550.769	334.569	46.909	491.695	474.999	209.553	15.426	0	0	Hypothetical proteins
srl1998	553.817	437.893	159.282	478.893	475.718	468.973	266.667	523.971	10.379	Hypothetical proteins
sll0760	556.049	274.415	41.821	422.753	421.121	350.29	0	8.007	0	Hypothetical proteins
sll0272	558.616	423.251	1834.95	491.072	491.968	392.414	141.23	33.636	1147.369	Hypothetical proteins
srl1768	561.68	319.969	93.463	410.675	325.982	313.138	891.343	196.836	0	Hypothetical proteins
srl2127	564.291	384.963	128.512	472.002	422.922	143.522	158.482	0	0	Hypothetical proteins
sll0168	565.044	377.107	27.538	525.576	520.52	430.565	0	5.272	0	Hypothetical proteins
srl1081	571.064	233.532	160.792	396.895	430.889	293.846	153.826	313.444	83.821	Hypothetical proteins
sll1429	577.472	496.215	222.473	368.359	359.529	474.328	0	265.244	14.497	Hypothetical proteins
srl1023	581.819	469.289	58.748	482.286	522.172	459.27	19.32	0	0	Hypothetical proteins
srl1638	584.93	423.663	85.674	320.895	366.292	191.362	845.239	634.248	0	Hypothetical proteins
sll0156	585.411	471.534	0	652.642	551.236	593.315	359.126	16.952	0	Hypothetical proteins
sll0419	587.211	272.49	59.696	402.464	389.55	266.673	0	0	0	Hypothetical proteins
sll0691	589.476	472.791	30.689	460.132	476.496	548.382	10.092	73.446	43.996	Hypothetical proteins
srl0950	596.489	499.152	22.431	507.858	487.08	325.664	0	0	418.039	Hypothetical proteins
srl1603	596.591	430.979	55.951	570.866	498.881	406.157	0	100.426	80.21	Hypothetical proteins
sll1542	604.209	479.423	235.676	483.065	516.485	297.534	26.958	0	14.69	Hypothetical proteins
srl0285	611.319	669.671	177.414	484.076	666.388	335.308	89.76	376.252	0	Hypothetical proteins
sll1200	613.046	323.234	125.889	401.275	352.325	228.463	15.525	28.621	0	Hypothetical proteins
srl1114	616.846	485.471	70.903	473.266	438.752	158.369	0	6.787	0	Hypothetical proteins
srl1363	621.256	372.34	49.25	497.956	486.234	371.266	12.147	267.555	17.651	Hypothetical proteins
srl1107	622.199	403.377	55.448	604.442	622.285	541.835	834.223	151.276	69.553	Hypothetical proteins
sll0496	623.628	347.511	195.207	379.239	312.751	279.05	15.407	164.445	22.388	Hypothetical proteins
srl0249	632.287	478.674	98.697	516.021	433.073	661.348	0	4.724	0	Hypothetical proteins
sll0925	657.027	398.78	60.774	380.175	348.723	203.617	39.972	2.909	0	Hypothetical proteins
srl2554	657.342	1740.059	34.655	483.554	421.095	696.645	3373.36	86.254	0	Hypothetical proteins
srl0890	660.976	479.954	584.144	730.83	720.315	417.518	1413.855	49.209	14571.084	Hypothetical proteins
sll1832	680.922	345.065	40.317	421.586	362.89	360.212	0	3.86	0	Hypothetical proteins
sll2011	683.114	825.184	309.904	790.001	720.592	461.467	0	0	21.156	Hypothetical proteins
srl0157	711.966	475.047	37.844	553.122	600.354	295.849	74.671	3.623	54.252	Hypothetical proteins
srl1178	718.672	609.173	909.467	821.652	711.822	264.963</td				

slr0179	920.479	717.697	551.379	697.727	599.034	461.835	980.289	997.923	197.612	Hypothetical proteins
slr1442	930.933	590.713	1067.635	875.368	735.28	554.014	14.186	132.141	0	Hypothetical proteins
ssr2711	962.262	745.341	544.284	920.728	914.482	810.476	0	0	1612.573	Hypothetical proteins
slr0142	1036.667	1393.5	125.889	1072.951	937.644	984.149	1399.302	2687.408	144.378	Hypothetical proteins
slr0310	1089.048	627.267	81.433	800.989	769.614	500.195	0	1.949	58.371	Hypothetical proteins
slr1790	1165.056	967.491	102.322	1135.036	1013.081	685.64	4528.24	125.937	104.777	Hypothetical proteins
slr0218	1209.933	752.761	338.736	967.551	938.741	597.316	0	1972.907	153.349	Hypothetical proteins
ssr3465	1248.119	835.92	115.66	1074.614	954.287	775.018	14732.522	310.016	55.27	Hypothetical proteins
slr1095	1295.909	831.032	328.418	799.363	838.615	542.193	178.439	13.669	0	Hypothetical proteins
slr1011	1316.451	636.397	216.241	771.122	763.173	813.467	6624.681	512.063	81.579	Hypothetical proteins
slr0373	1371.782	387.994	1335.711	322.984	508.224	271.222	191.676	23.248	731.126	Hypothetical proteins
slr0242	1374.213	912.085	232.15	1056.329	981.339	814.833	80.707	213.979	499.21	Hypothetical proteins
slr1082	1495.023	924.875	765.441	1040.189	1018.243	452.565	2457.981	103.446	64.548	Hypothetical proteins
slr1203	2166.521	1735.725	190.127	1658.075	1497.386	990.89	0	574.328	121.139	Hypothetical proteins
slr0442	2324.032	1575.797	292.301	1585.85	1584.24	1294.51	2615.27	82.98	8734.769	Hypothetical proteins
ssr3570	2631.201	1703.063	596.957	1672.761	1869.394	1444.477	5758.534	15429.368	1426.313	Hypothetical proteins
slr1474	0	0	0	0.305	4.095	0	0	0	13.043	Mobile and extrachromosomal element functions
slr1635	0.166	10.382	0	0.153	2.047	0	0	0	0	Mobile and extrachromosomal element functions
slr1780	0.332	0	0	0.458	0	0	5.984	0	0	Mobile and extrachromosomal element functions
slr0651	0.341	42.663	37.385	0.627	0	83.504	12.294	0	53.595	Mobile and extrachromosomal element functions
slr0317	0.423	52.927	0	2.334	0	0	0	0	0	Mobile and extrachromosomal element functions
slr0230	1.391	24.874	65.391	2.193	9.81	97.372	43.009	31.299	31.248	Mobile and extrachromosomal element functions
slr0431	1.59	37.311	43.594	0.914	19.619	0	50.177	16.693	0	Mobile and extrachromosomal element functions
slr1999	1.626	0	0	0.897	8.023	0	11.726	0	0	Mobile and extrachromosomal element functions
slr0704	1.789	49.748	76.29	1.828	19.619	73.029	57.345	20.866	93.744	Mobile and extrachromosomal element functions
slr1397	1.988	24.874	65.391	0.731	14.714	121.715	78.849	25.039	93.744	Mobile and extrachromosomal element functions
slr1997	5.409	0	0	2.984	8.898	0	0	0	0	Mobile and extrachromosomal element functions
slr1560	7.135	10.382	9.098	7.934	6.142	20.322	0	0	13.043	Mobile and extrachromosomal element functions
ssr0871	7.43	0	58.194	7.808	26.19	0	0	0	0	Mobile and extrachromosomal element functions
slr0350	11.165	94.037	270.757	8.687	50.33	26.294	7.743	24.792	33.752	Mobile and extrachromosomal element functions
ssl0666	12.054	201.124	0	2.586	9.915	147.622	14.49	0	0	Mobile and extrachromosomal element functions
ssr0256	16.545	41.408	326.571	40.772	48.99	81.048	0	0	0	Mobile and extrachromosomal element functions
ssr2898	18.751	51.01	0	19.491	70.408	0	146.998	8.558	0	Mobile and extrachromosomal element functions
slr0012	19.109	53.735	164.809	17.571	58.277	78.882	69.684	29.3	16.876	Mobile and extrachromosomal element functions
ssl0677	19.324	94.037	176.581	15.992	52.979	52.588	46.456	33.808	33.752	Mobile and extrachromosomal element functions
slr1860	19.968	53.735	247.213	16.387	58.277	131.47	77.427	24.792	16.876	Mobile and extrachromosomal element functions
slr1255	21.572	0	9.098	16.327	20.473	40.643	5.984	0	0	Mobile and extrachromosomal element functions
slr2062	34.93	26.332	23.074	16.769	15.577	0	0	0	0	Mobile and extrachromosomal element functions
slr1998	46.513	74.622	76.29	76.767	68.667	243.429	93.185	52.165	31.248	Mobile and extrachromosomal element functions
slr1622	47.579	49.341	0	46.409	61.619	0	0	0	0	Mobile and extrachromosomal element functions
slr10180	47.956	31.147	0	24.261	32.756	0	0	0	26.086	Mobile and extrachromosomal element functions
slr0166	56.253	0	30.537	59.921	61.844	204.625	0	17.54	0	Mobile and extrachromosomal element functions
slr1930	60.344	21.331	18.693	49.532	54.681	125.255	12.294	3.579	0	Mobile and extrachromosomal element functions
ssl2699	60.998	0	37.116	56.712	41.809	0	0	0	0	Mobile and extrachromosomal element functions
slr0265	69.136	67.169	11.772	76.405	74.171	52.588	0	9.015	0	Mobile and extrachromosomal element functions
slr2096	79.321	50.643	44.378	69.216	39.944	99.123	14.594	33.986	0	Mobile and extrachromosomal element functions
ssl0296	84.711	82.816	108.857	55.986	73.485	81.048	23.866	0	0	Mobile and extrachromosomal element functions
slr2036	107.031	83.06	0	64.849	36.851	60.965	0	48.773	0	Mobile and extrachromosomal element functions
slr1156	107.753	49.573	43.441	111.467	83.088	48.514	0	0	124.551	Mobile and extrachromosomal element functions
slr1902	115.676	49.573	0	127.494	112.413	0	0	0	0	Mobile and extrachromosomal element functions
slr0800	119.981	73.839	21.568	130.582	242.667	48.175	0	4.129	0	Mobile and extrachromosomal element functions
slr0511	120.079	54.149	23.725	163.137	242.909	52.993	78.022	9.085	0	Mobile and extrachromosomal element functions
slr1682	131.12	155.279	0	129.696	250.054	50.655	104.412	95.523	0	Mobile and extrachromosomal element functions
slr1246	134.505	137.641	17.231	154.89	89.177	38.486	11.333	3.299	0	Mobile and extrachromosomal element functions
ssl1507	144.411	0	0	159.039	165.738	205.643	0	0	0	Mobile and extrachromosomal element functions
ssl0426	145.225	143.66	31.472	96.591	148.72	140.593	0	0	0	Mobile and extrachromosomal element functions
slr1523	145.236	127.988	0	152.828	160.888	250.511	2425.069	67.103	0	Mobile and extrachromosomal element functions
slr2095	148.116	173.505	0	112.195	195.5	0	0	0	0	Mobile and extrachromosomal element functions
slr1922	159.384	41.901	220.306	161.953	99.147	82.012	0	35.149	0	Mobile and extrachromosomal element functions
slr2112	165.478	234.644	1028.093	168.11	219.775	574.087	1250.954	605.269	1326.471	Mobile and extrachromosomal element functions
ssl1920	166.964	224.659	0	127.665	228.881	219.863	172.645	6.282	0	Mobile and extrachromosomal element functions
slr1157	173.211	253.213	44.378	222.907	284.601	49.561	29.188	0	222.669	Mobile and extrachromosomal element functions
slr0703	174.127	53.735	235.441	248.168	145.693	52.588	7.743	65.361	0	Mobile and extrachromosomal element functions
slr1357	175.518	124.37	152.579	148.233	147.143	48.686	86.017	43.819	93.744	Mobile and extrachromosomal element functions
slr1716	192.378	147.772	35.316	200.193	137.746	26.294	54.199	4.508	0	Mobile and extrachromosomal element functions
ssl0665	201.533	183.635	26.82	211.853	319.856	419.333	317.516	10.27	0	Mobile and extrachromosomal element functions
slr10161	209.418	209.089	335.911	201.272	144.303	68.208	80.34	0	0	Mobile and extrachromosomal element functions
ssl1792	214.392	270.743	560.778	183.031	203.84	192.701	14.186	4.129	0	Mobile and extrachromosomal element functions
slr1585	217.164	272.842	358.637	306.348	317.423	213.614	31.451	0	0	Mobile and extrachromosomal element functions
slr1861	231.19	96.618	181.428	203.457	168.744	108.063	23.866	0	34.679	Mobile and extrachromosomal element functions
slr1524	273.417	266.021	89.659	277.578	250.172	120.158	165.117	1692.557	128.534	Mobile and extrachromosomal element functions
slr0462	286.731	40.225	0	206.61	166.566	157.464	220.245	70.861	454.79	Mobile and extrachromosomal element functions
ssl0092	320.324	138.327	161.622	195.837	203.056	120.333	354.336	477.047	1293.647	Mobile and extrachromosomal element functions
ssl0986	324.874	463.832	23.909	312.764	403.504	373.824	31.451	0	754.066	Mobile and extrachromosomal element functions
slr0733	337.52	246.601	29.468	343.634	322.7	241.336	0	56.418	14.081	Mobile and extrachromosomal element functions
ssl1175	352.915	0	389.593	397.476	387.194	217.549	576.542	901.3	139.629	Mobile and extrachromosomal element functions
slr1903	373.538	303.856	0	392.971	339.524	198.246	0	0	31.81	Mobile and extrachromosomal element functions
slr1282	373.615	381.297	873.879	348.29	289.178	401.861	0	703.687	36.846	Mobile and extrachromosomal element functions
slr1791	394.645	354.695	23.909	277.878	204.442	160.21	0	0	0	Mobile and extrachromosomal element functions
slr1710	449.597	537.353	282.529	457.639	360.258	78.882	7.743	119.454	135.01	Mobile and extrachromosomal element functions
slr1764	460.964	332.413	85.674	333.635	312.312	382.725	11.27	0	221.079	Mobile and extrachromosomal element functions
slr0352	476.861	236.303	119.884	259.363	299.192	24.343	186.371	352.635	62.496	Mobile and extrachromosomal element functions
slr0856	510.498	439.958	154.214	428.035	549.438	287.044	405.715	752.896	257.925	Mobile and extrachromosomal element functions
slr1075	519.001	186.555	414.143	343.623	380.121	340.801	473.095	312.989	93.744	Mobile and extrachromosomal element functions
slr1283	519.097	267.316	117.124	384.019	364.584	348.812	141.23	2033.137	1203.339	Mobile and extrachromosomal element functions
slr0650	600.504	322.636	334.13	468.554	508.953	287.044	118.334	1121.963	221.079	Mobile and extrachromosomal element functions
slr0808	753.615	651.79	1566.617	658.757	657.306	546.75	1867.577	2049.589	1754.591	Mobile and extrachromosomal element functions
slr1683	940.538	853.252	654.241	507.466	557.324	939.415	522.512	563.665	1808.824	Mobile and extrachromosomal element functions
slr1985	962.4	733.263	77.107	749.169	653.542	459.27	270.477	349.383	110.539	Mobile and extrachromosomal element functions
slr1										

srl0677	sll1703	50.825	30.874	13.52	2	50.819	33.484	0	0	2.59	3.645	0	33.449	1.955	0	0	0	0	0
sll1262		56.253	108.632	8.0	22.734	42.786	51.409	0	0				1595.305	0	0				
srl1966		56.253	14.425	0	266.26	63.598	42.666	28.234	0				3.937	39.661	0	3.963	0	0	
sll0638		56.498	61.345	0	9.0	63.897	66.53	30.018	150.265				637.576	0	0				
srl2144		59.606	104.891	0	7.691	60.119	85.03	68.434	0				16.712	0	6.866	0	0		
sll1089		62.562	32.894	14.41	20.028	69.13	48.647	32.192	47.397				17.556	17.831	0	14.763	130.039	21.698	0
ssr2857		68.369	54.149	3.0	0	44.564	32.032	0	0				0.826	32.236	52.344	0	0		
srl1796		71.291	52.272	15.26	19.976	81.687	151.174	34.104	0				7.669	2.799	5.905	0	79.44	0	13.669
sll0094		74.186	76.849	9	24.238	80.752	69.706	60.166	0				0	0	0	0	0	0	
sll1549		76.024	58.907	47.14	10.096	91.765	87.116	28.824	16.976				2241.738	80.232	261.372	5.545	9.473	81.05	864.837
sll0314		84.291	22.347	0		53.861	41.862	21.87	6.44				0	0	0	0	0	0	
sll1911		86.085	53.328	117.49		83.076	126.187	0	0				2.967	0	0				
ssr2422		86.696	82.816	6		99.801	97.98	81.048	0				3.818	0	0	0			
sll1515		88.13	70.393	140.19		65.175	50.895	45.927	0				5.562	0	0	0	0	0	
sll1784		88.578	52.532	4		78.554	56.972	51.411	0				2.036	0	0	0			
ssl2501		89.38	78.215	36.286		67.819	38.557	0	0				2.99	12.676	0	0			
sll0319		90.043	70.866	0		86.442	62.882	69.353	88.495				3.284	0	0				
srl0924		94.278	85.845	11.508		77.499	140.256	120.018	0				12.051	44.252	0	2.696	5.89	21.09	0
str0575		114.027	57.076	308.42		140.64	86.284	0	0				119.325	0	0				
srl0795		116.787	89.267	8.1035		117.883	90.525	124.802	102.899										
srl2016		118.521	88.545	10.747		141.19	130.948	216.637	0										
srl1529		128.656	113.673	0		135.936	138.639	49.443	0										
srl1963		134.619	154.954	44.7		200.724	174.598	194.973	0										
ssl1277		143.19	266.641	426.75		181.826	168.249	0	0										
srl1196		144.689	171.891	5		125.947	96.841	80.105	4.718										
srl1456		149.902	99.99	14.757		133.136	134.073	78.285	0										
srl1501		151.336	93.442	9.699		139.386	168.9	91.448	0										
srl0264		151.58	76.101	46.731		144.414	97.539	111.714	378.302										
sll1879		154.072	112.529	43.036		129.545	144.229	97.891	75.666										
srl1406		158.56	135.372	0		193.831	171.6	189.259	0										
sml0007		158.915	263.975	13.647		197.853	225.559	0	0										
srl0197		173.126	127.064	8.336		157.793	149.078	111.916	164.776										
srl2015		183.081	83.142	43.826		175.272	129.333	90.407	404.65										
sml0001		201.935	180.496	67.786		232.105	142.364	176.642	0										
srl1928		203.089	162.446	0		139.263	121.01	141.314	0										
sll1102		209.075	117.322	61.24		150.581	131.094	38.272	0										
sll0169		209.907	147.678	161.90		183.031	164.043	163.795	0										
srl0708		216.08	200.874	4.0		260.428	282.433	393.171	0										
srl2017		216.131	146.246	15.817		210.201	196.096	57.25	5.619										
sll0477		220.16	138.026	51.405		201.225	215.012	135.079	0										
sll0172		230.528	345.065	4.314		199.129	163.3	90.053	0										
srl1944		238.476	137.13	22.96		148.845	137.775	89.468	0										
sll1404		241.809	200.17	25.631		334.137	269.716	326.495	0										
sll0485		246.764	152.519	12.095		262.08	305.372	22.963	33.81										
ssl2009		259.89	246.377	0		234.837	187.387	0	0										
srl0236		261.338	189.399	17.167		222.446	211.631	123.57	0										
sll1507		272.303	154.711	14.617		210.031	236.427	37.852	33.438										
srl0793		276.318	325.895	0		283.776	237.768	159.469	9.392										
smr000		279.508	0	61.686		190.741	238.572	0	0										
		283.246	189.464	13.831		224.79	218.41	156.893	0										
srl1940		290.458	126.524	16.947		209.441	222.27	90.053	397.76										
srl1931		377.15	282.904	14.279		313.415	257.594	260.579	158.258										
srl0746		398.707	349.908	0		276.176	280.046	201.434	0										
sll1695		405.784	526.071	57.471		532.726	444.572	735.485	0										
srl1668		412.524	279.338	60.476		226.61	187.277	109.35	0										
sll0452		414.607	260.716	218.74		341.01	411.275	127.575	0										
ssr2802		456.752	210.415	3		316.261	309.294	149.762	3340.533										
srl1929		545.933	288.497	90.184		421.442	398.212	112.935	0										
sll0453		551.969	380.058	76.833		450.966	544.143	258.743	190.476										
srl1949		584.492	489.365	0		345.764	293.198	184.199	43.392										
srl1930		585.365	448.585	0		423.243	398.725	378.222	11.933										
sll1334		983.325	692.847	3587.14		883.012	770.533	650.933	0										
sll0668		16.015	0	9.0		8.836	14.819	0	0										
sll0555		25.69	27.714	289.604		19.346	16.394	54.244	0										
srl0918		40.33	74.49	148.441		35.716	36.721	18.225	0										
sll0897		42.622	38.188	48.381		57.151	57.731	24.915	3.668										
sll0416		52.776	76.793	825.712		47.024	32.809	0	0										
srl0786		58.77	41.086	0		52.431	47.259	26.806	0										
srl1331		58.823	53.599	12.143		61.179	42.276	69.94	0										
sll0716		59.363	17.687	0		45.488	45.338	0	0										
srl0542		59.471	38.963	0		93.145	66.586	25.421	0										
srl2076		61.486	32.741	0		48.117	61.333	96.126	0										
sll0195		61.588	45.513	48.004		52.172	44.872	29.694	91.81										
srl0863		64.151	40.34	15.656		72.921	57.67	78.958	0										
srl0807		66.229	138.706	898.93		46.375	64.958	0	0										
srl0165		70.602	31.78	5		58.615	76.766	31.102	0										
sll1814		74.887	88.406	51.215		84.938	87.162	54.074	305.719										
sll1070		76.938	78.916	0		64.252	43.571	61.785	0										
sll0921		77.808	32.894	0		155.662	97.293	64.384	0										
srl2075		85.01	44.366	17.67		78.241	89.426	38.594	68.187										
srl0659		95.173	64.507	5.0		90.832	94.604	39.456	46.474										
srl1641		102.713	71.248	0		64.71	61.816	27.891	0										
sll0227		103.738	50.643	9.68		88.195	83.217	66.082	9.729										
sll1427		108.368	84.957	4.0		101.55	119.66	63.348	4.663										
sll1343		110	87.12	0		101.148	82.459	34.104	0										
srl1761		113.926	145.307	4.32		114.486	109.834	110.604											

0	5.43	N	o	D	a	t	e	i	n fate
0	2.0	o	D	a	t	a	i	n	Protein fate
0	0	D	a	t	a	a	n	f	Protein fate
0	28.71	a	t	a	N	o	f	a	Protein fate
0	1.0	t	a	N	o	a	a	t	Protein fate
0	0	a	N	o	D	a	t	e	Protein fate
0	0	N	o	D	a	t	P	P	Protein fate
0	o	D	a	t	a	P	r	rotein	Protein fate
0	D	a	t	a	N	o	r	o	Protein fate
0	a	t	a	N	o	o	t	e	Protein fate
0	a	N	o	D	a	t	e	i	Protein fate
0	N	o	D	a	t	a	D	i	Protein fate
0	o	D	a	t	a	f	i	n	Protein fate
70.184	D	a	t	a	N	o	a	t	e
0	a	t	a	N	o	e	P	P	Protein fate
0	0	t	a	N	o	P	r	rotein	Protein fate
0	a	N	o	D	a	t	r	o	Protein fate
16.498	0	N	o	D	a	t	o	t	e
0	0	o	D	a	t	a	P	rotein	Protein fate
0	0	D	a	t	a	o	r	ote	Protein fate
2242.82	2.242	a	t	a	N	o	i	n	f
5.0	0	a	N	o	D	a	f	a	t
27.809	2.7809	N	o	D	a	t	a	t	e
0	0	o	D	a	t	a	D	P	Protein fate
0	0	D	a	t	a	f	a	t	Protein fate
102.097	10.2097	t	a	N	o	P	r	ote	Protein fate
0	0	a	N	o	D	a	o	t	e
151.642	15.1642	N	o	D	a	t	D	tein	f
0	0	D	a	t	a	a	t	e	Protein fate
0	0	a	t	a	N	o	f	a	Protein fate
32.915	3.2915	a	N	o	D	a	t	e	P
0	0	N	o	D	a	t	P	r	rotein
28.899	2.8899	o	D	a	t	a	r	ote	Protein fate
0	0	D	a	t	a	o	t	e	Protein fate
14.739	1.4739	a	t	a	N	o	i	n	f
0	0	a	N	o	D	a	n	f	Protein fate
0	0	o	D	a	t	a	D	a	Protein fate
0	0	D	a	t	a	f	a	t	Protein fate
20.906	2.0906	a	t	a	N	o	t	e	P
51.714	5.1714	t	a	N	o	D	r	ote	Protein fate
78.676	7.8676	a	N	o	D	a	o	t	e
0	0	N	o	D	a	t	P	r	rotein
81.881	8.1881	o	D	a	t	a	r	ote	Protein fate
0	0	D	a	t	a	e	t	e	Protein fate
72.485	7.2485	D	a	t	a	i	n	f	Protein fate
103.793	10.3793	a	t	a	N	o	f	a	Protein fate
23.645	2.3645	t	a	N	o	f	a	t	Protein fate
8.67	0.867	a	N	o	D	a	t	e	Protein fate
731.126	73.1126	a	N	o	D	a	t	e	Protein fate
0	0	N	o	D	a	t	P	r	rotein
17.408	1.7408	o	D	a	t	a	P	r	ote
0	0	D	a	t	a	r	o	t	Protein fate
0	0	a	t	a	N	o	t	e	Protein fate
0	0	a	N	o	D	a	t	e	Protein fate
16.316	1.6316	N	o	D	a	t	i	n	f
0	0	o	D	a	t	a	f	a	Protein fate
0	0	D	a	t	a	a	t	e	Protein fate
596.947	59.6947	t	a	N	o	N	a	t	P
0	0	N	o	D	a	t	P	r	rotein
0	0	o	D	a	t	a	r	ote	Protein fate
0	0	D	a	t	a	t	e	i	Protein fate
0	0	a	t	a	N	o	i	n	f
0	0	a	N	o	D	a	n	f	Protein fate
11.194	1.1194	o	D	a	t	a	f	a	Protein fate
7.91	0.791	D	a	t	a	t	a	t	P
0	0	a	t	a	N	o	P	r	rotein
34.428	3.428	t	a	N	o	P	r	ote	Protein fate
0	0	a	N	o	D	r	o	t	i

slr0774	208.839	126.5	45.645	214.451	199.551	87.387	0	26.217	0	Protein fate
slr0616	219.406	124.49	29.752	183.176	165.138	132.908	574.002	18.987	0	Protein fate
slr1544	235.085	153.697	40.405	200.806	196.994	0	327.761	25.786	19.308	Protein fate
slr0086	240.028	165.398	191.318	199.807	234.821	168.341	373.685	11.1	0	Protein fate
slr0055	257.532	213.313	510.452	218.963	239.431	240.876	0	0	20.613	Protein fate
slr0887	264.277	118.11	82.799	208.641	204.947	92.47	4.538	0	9.892	Protein fate
slr0533	273.043	223.707	13.069	240.549	192.622	145.954	146.126	10.009	46.839	Protein fate
slr2008	281.005	220.489	50.093	233.908	215.776	207.79	14.12	16.441	20.518	Protein fate
slr1795	286.761	163.705	43.036	296.404	248.558	96.126	18.87	2.747	0	Protein fate
slr0415	295.686	237.949	130.322	249.889	234.601	174.652	0	3.327	12.455	Protein fate
slr1980	306.13	272.239	954.252	317.788	260.739	304.488	33.623	1014.627	122.143	Protein fate
slr0994	340.974	169.808	13.528	267.706	206.99	90.645	17.795	2.59	0	Protein fate
slr0164	350.463	295.901	696.01	271.906	285.595	274.343	26.928	26.129	19.564	Protein fate
slr0534	359.823	155.051	3152.214	266.379	259.878	273.134	44.682	0	0	Protein fate
ssl3335	384.169	300.459	37.613	317.927	287.767	84.013	0	14.403	0	Protein fate
slr0775	385.584	311.869	663.705	298.899	289.91	283.41	25.678	119.596	139.923	Protein fate
slr0430	395.224	288.41	383.78	426.134	391.772	250.891	138.522	112.904	13.419	Protein fate
slr0058	438.743	304.733	62.309	354.769	328.486	208.759	231.252	6.817	6.38	Protein fate
slr1181	506.183	385.717	501.723	411.773	434.955	353.889	0	1.011	7.571	Protein fate
slr0535	518.262	394.581	55.323	413.462	424.819	247.141	177.387	439.57	346.984	Protein fate
slr1384	545.567	346.38	88.122	479.659	462.684	284.31	0	1.875	14.037	Protein fate
slr1097	5.016	0	0	7.907	4.421	0	0	0	422.443	Protein synthesis
slr1803	9.683	28.85	0	17.807	5.689	169.403	0	0	0	Protein synthesis
slr1800	10.931	33.362	0	9.806	3.289	32.65	0	0	0	Protein synthesis
slr1819	11.539	0	0	11.937	17.796	0	0	0	0	Protein synthesis
slr1744	15.064	0	51.62	16.016	17.423	0	0	0	0	Protein synthesis
slr1810	15.938	0	0	35.634	46.268	0	0	0	0	Protein synthesis
slr1820	19.159	0	0	26.8	30.175	49.921	0	0	0	Protein synthesis
ssl3432	21.775	0	0	26.697	37.313	0	0	0	0	Protein synthesis
slr1678	22.501	28.157	0	33.519	33.313	110.225	0	0	0	Protein synthesis
slr0638	27.377	11.732	0	20.863	13.881	0	0	0	0	Protein synthesis
slr1802	27.619	12.706	11.135	26.89	20.044	0	0	0	0	Protein synthesis
slr0767	28.603	0	0	21.48	23.526	0	0	0	0	Protein synthesis
smr0011	29.35	0	0	33.735	15.088	0	0	0	0	Protein synthesis
slr0033	30.002	0	29.374	25.124	13.22	0	0	0	0	Protein synthesis
ssl3436	30.407	0	0	44.037	56.272	93.095	0	0	0	Protein synthesis
slr0457	31.82	47.403	0	43.192	42.062	0	0	0	0	Protein synthesis
slr1745	32.006	80.912	17.726	49.348	51.853	79.184	0	88.237	0	Protein synthesis
slr1817	33.065	26.868	0	29.219	10.596	0	0	0	0	Protein synthesis
slr1799	35.224	16.447	0	46.892	32.431	0	0	0	0	Protein synthesis
slr0220	35.868	24.341	0	32.91	25.918	0	0	0	6.116	Protein synthesis
ssr1399	35.94	48.884	42.837	16.524	0	0	0	0	0	Protein synthesis
slr1260	41.252	39.107	0	56.324	43.698	0	0	2.187	0	Protein synthesis
slr1809	41.98	78.798	0	35.514	20.717	0	0	0	0	Protein synthesis
slr0434	44.883	18.722	0	31.641	22.15	36.644	0	0	0	Protein synthesis
slr0713	45.903	75.086	0	60.83	37.015	55.112	0	0	0	Protein synthesis
ssl3445	47.335	0	0	32.171	0	0	0	0	0	Protein synthesis
slr1356	48.559	53.49	0	45.437	63.285	62.818	0	0	0	Protein synthesis
slr1821	49.592	46.311	0	86.437	95.885	135.968	0	0	0	Protein synthesis
slr1743	51.896	99.145	21.72	66.661	43.988	0	0	0	0	Protein synthesis
slr1244	52.209	0	0	65.926	22.681	0	0	0	0	Protein synthesis
slr1553	52.369	39.059	11.409	56.51	53.913	33.978	0	0	0	Protein synthesis
slr0853	53.069	88.545	0	58.558	48.014	129.982	0	0	0	Protein synthesis
slr0744	54.288	59.715	21.547	58.334	47.1	27.501	0	110.794	8.825	Protein synthesis
slr1463	54.879	85.969	0	59.381	56.838	39.592	11.658	7.636	0	Protein synthesis
ssl0145	56.868	38.466	0	59.075	53.095	0	0	0	0	Protein synthesis
slr1813	57.013	71.345	20.84	46.484	56.272	0	0	0	0	Protein synthesis
slr1807	57.708	121.368	0	117.276	119.66	178.165	0	0	0	Protein synthesis
slr1110	60.249	28.85	16.854	57.521	56.887	37.645	232.787	4.84	0	Protein synthesis
slr1806	60.369	85.845	25.075	60.137	28.212	56.008	0	0	0	Protein synthesis
slr1767	62.668	123.497	0	96.193	73.055	0	17.795	0	0	Protein synthesis
slr1746	62.794	54.568	0	98.641	193.682	0	0	0	0	Protein synthesis
slr1425	62.866	40.791	5.106	58.149	49.409	57.029	0	0	0	Protein synthesis
slr1074	64.982	56.638	24.816	65.817	59.83	63.348	6.995	0.679	5.082	Protein synthesis
slr1261	66.528	32.143	0	86.683	44.367	31.457	0	0	0	Protein synthesis
slr1098	68.284	76.293	8.914	53.371	46.135	79.642	0	0.853	0	Protein synthesis
slr0958	70.084	43.632	0	54.826	47.32	28.467	12.574	1.22	0	Protein synthesis
slr0922	70.1	18.05	15.817	66.05	46.268	35.328	0	0	0	Protein synthesis
slr0454	70.486	53.007	9.29	66.995	43.899	20.75	12.22	1.779	0	Protein synthesis
slr1362	71.952	49.823	3.119	73.954	88.42	20.897	4.102	19.703	0	Protein synthesis
slr0495	72.898	38.009	0	63.904	56.961	59.517	109.534	3.826	9.55	Protein synthesis
slr1804	74.46	43.813	345.542	85.638	71.994	0	0	2.45	0	Protein synthesis
slr1720	75.754	52.795	0	82.159	68.246	34.445	0	0	0	Protein synthesis
slr1984	76.291	218.541	0	74.04	65.774	45.026	0	3.86	0	Protein synthesis
slr1099	76.926	87.992	7.711	105.522	124.925	17.223	35.5	1.476	0	Protein synthesis
slr1198	79.773	30.342	0	81.157	86.753	0	209.853	5.091	0	Protein synthesis
slr1811	83.218	145.441	0	104.308	149.13	56.934	0	0	0	Protein synthesis
slr1822	83.972	102.019	0	129.691	95.554	0	0	0	0	Protein synthesis
slr0557	84.905	81.134	16.928	77.902	76.183	75.621	0	0	0	Protein synthesis
slr1805	87.996	100.562	0	95.324	84.275	0	0	4.218	0	Protein synthesis
slr1740	88.267	114.461	0	82.426	73.352	0	0	0	0	Protein synthesis
slr0078	88.664	52.445	0	75.62	75.837	68.434	0	0	0	Protein synthesis
slr0070	89.054	31.9	0	80.168	56.612	62.438	0	3.568	0	Protein synthesis
slr1435	89.248	81.223	41.519	90.123	86.753	66.241	0	0	0	Protein synthesis
ssl1720	89.72	89.105	0	105.417	87.851	174.406	0	14.95	0	Protein synthesis
ssl1426	95.961	51.76	0	76.068	20.413	0	0	0	0	Protein synthesis
slr0469	99.759	34.676	0	86.635	99.147	33.936	0	0	0	Protein synthesis
ssl1816	105.914	54.995	0	108.706	81.331	53.821	0	0	0	Protein synthesis
slr1560	109.848	140.086	544.736	112.588	113.945	68.548	0	0	21.998	Protein synthesis
slr0708	109.941	98.798	0	123.236	109.583	72.516	0	0	0	Protein synthesis
ssl0830	127.703	99.811	9.207	97.045	96.335	71.975	30.277	236.203	13.199	Protein synthesis
slr1865	130.609	85.251	10.672	113.476	96.059	119.188	70.193	2.043	0	Protein synthesis
slr0649	139.947	132.07	5.787	131.985	118.492	129.25	83.731	176.155	16.591	Protein synthesis
slr1550	140.908	89.541	6.036	112.563	105.938	40.444	0	12.711	0	Protein synthesis
slr1808	144.691	140.086	107.413	193.266	189.908	102.822	10.092	0	0	Protein synthesis
ssl2799	150.222	79.992	0	128.728	141.96	0	0	0	0	Protein synthesis
ssl0438	154.384	156.43	479.777	140.236	185.074	76.545	0	6.561	2898.585	Protein synthesis
slr0362	172.668	160.349	45.667	167.374	159.674	86.309	1009.666	479.534	25.18	Protein synthesis
ssl1604	175.168	178.211	0	140.774	114.207	174.406	25.678	0	0	Protein synthesis
slr0467	181.635	95.904	42.02	168.005	139.94	93.856	0	1.609	0	Protein synthesis
ssl3437	192.77	128.768	0	223.937	330.08					

slr1884	225.013	218.677	200.752	198.182	174.533	142.673	0	165.971	104.653	Protein synthesis
ssr0482	267.711	339.245	185.8	330.924	292.662	249.002	0	0	0	Protein synthesis
sll1096	279.495	83.142	48.571	112.413	147.549	108.489	0	623.054	69.631	Protein synthesis
slr0628	288.507	209.089	30.537	272.971	281.734	341.042	60.255	0	0	Protein synthesis
sll0357	335.511	337.825	20.654	310.242	281.948	184.528	0	2.636	0	Protein synthesis
sll223	377.126	323.234	0	225.379	247.867	1054.446	0	0	0	Protein synthesis
ssr1398	412.524	159.985	0	299.385	283.92	104.379	0	0	0	Protein synthesis
sll1812	460.372	283.191	35.451	414.405	362.968	197.961	0	3.394	0	Protein synthesis
slr1703	601.819	481.81	57.249	606.794	566.815	351.645	461.254	31.512	10.259	Protein synthesis
sll1784	609.41	586.611	34.27	473.583	485.819	612.36	0	6.561	49.129	Protein synthesis
sll0901	6.038	59.655	0	6.429	0	0	0	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll1226	30.78	13.282	0	25.375	13.095	0	137.79	4.457	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0520	38.002	15.643	0	31.955	21.592	30.618	0	5.249	0	Purines, pyrimidines, nucleosides, and nucleotides
sll1815	46.678	37.443	0	28.064	25.841	109.932	0	3.141	0	Purines, pyrimidines, nucleosides, and nucleotides
sll1159	47.012	58.661	0	42.243	39.659	16.402	9.66	807.026	105.275	Purines, pyrimidines, nucleosides, and nucleotides
slr0597	49.552	69.885	0	51.633	27.561	62.175	0	2.132	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0838	56.011	30.342	0	61.536	32.906	0	0	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll1823	57.013	55.49	6.947	59.182	46.894	46.548	0	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll1018	57.271	23.889	13.956	59.45	56.527	15.586	114.738	2.672	10.004	Purines, pyrimidines, nucleosides, and nucleotides
sll1123	58.89	36.663	0	44.183	72.294	71.761	0	49.209	0	Purines, pyrimidines, nucleosides, and nucleotides
sll1852	65.629	93.858	0	48.623	46.268	45.927	0	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll1852	65.629	93.858	0	48.623	46.268	45.927	0	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll1056	80.042	58.812	15.857	72.204	93.667	17.71	7.822	49.335	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0213	83.189	77.783	11.36	70.588	63.907	25.374	0	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0398	83.551	39.905	0	86.21	97.573	62.486	0	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0838	86.354	82.331	9.018	65.187	60.88	120.86	0	124.317	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0469	92.969	147.531	0	102.833	101.818	144.381	0	1.768	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0406	97.044	138.207	8.074	106.567	72.673	54.102	0	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0578	98.913	72.384	7.929	96.139	92.775	88.548	0	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0744	100.733	81.853	537.955	98.34	155.349	120.158	0	0	102.827	Purines, pyrimidines, nucleosides, and nucleotides
sll0370	102.161	52.047	99.769	105.747	86.593	95.504	37.497	15.281	4.086	Purines, pyrimidines, nucleosides, and nucleotides
sll0306	103.852	104.132	6.083	111.002	84.871	40.764	0	39.6	8.721	Purines, pyrimidines, nucleosides, and nucleotides
sll1476	104.712	74.21	0	77.589	98.251	41.5	6.11	355.727	39.954	Purines, pyrimidines, nucleosides, and nucleotides
sll0421	104.954	130.358	35.698	101.657	126.917	95.681	0	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0757	105.475	70.961	12.437	85.411	76.959	152.781	0	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0861	112.65	53.872	0	103.716	92.065	70.296	139.723	4.519	11.28	Purines, pyrimidines, nucleosides, and nucleotides
sll0537	135.917	115.917	18.469	164.161	132.987	123.755	419.077	19.448	92.668	Purines, pyrimidines, nucleosides, and nucleotides
sll0185	152.647	88.434	15.499	102.673	76.727	138.473	61.163	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll1059	158.251	30.372	0	216.853	167.787	264.963	0	1482.756	97.177	Purines, pyrimidines, nucleosides, and nucleotides
sll0591	162.281	98.867	8.664	149.803	144.264	77.405	0	1.659	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0493	165.271	136.421	0	133.125	118.361	0	0	54.931	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0070	168.76	185.245	0	159.898	131.5	72.516	14.236	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll1933	177.674	192.331	33.708	175.813	166.87	188.225	0	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0406	182.044	153.921	17.984	148.091	145.685	160.677	11.828	3.443	12.891	Purines, pyrimidines, nucleosides, and nucleotides
sll0244	183.196	155.737	9.098	208.736	186.302	121.93	0	1.742	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0144	189.3	116.835	12.798	182.008	167.027	85.756	0	19.602	0	Purines, pyrimidines, nucleosides, and nucleotides
sll2074	210.301	108.297	23.725	154.781	186.853	105.985	0	0	442.157	Purines, pyrimidines, nucleosides, and nucleotides
sll0509	219.258	185.857	50.896	216.807	203.856	227.361	33.475	105.239	14.593	Purines, pyrimidines, nucleosides, and nucleotides
sll0899	226.983	184.84	26.996	187.663	168.571	105.521	0	0	270.906	Purines, pyrimidines, nucleosides, and nucleotides
sll0600	234.991	215.27	18.864	188.714	184.649	126.404	6.204	1.806	54.086	Purines, pyrimidines, nucleosides, and nucleotides
sll0689	252.082	220.53	123.68	255.131	198.293	138.126	0	1.48	0	Purines, pyrimidines, nucleosides, and nucleotides
sll0787	315.227	217.936	9.549	426.782	369.575	191.955	0	42.048	13.689	Purines, pyrimidines, nucleosides, and nucleotides
sll0477	319.715	177.598	198.073	244.395	245.138	284.41	0	0	0	Purines, pyrimidines, nucleosides, and nucleotides
sll1443	421.645	248.222	11.155	368.538	330.071	249.152	3.668	0	7.996	Purines, pyrimidines, nucleosides, and nucleotides
sll0895	18.252	0	0	21.461	11.075	0	0	0	0	Regulatory functions
sll0527	29.781	25.88	0	31.378	15.309	0	82.038	0	0	Regulatory functions
sll0240	33.912	74.886	0	43.289	29.533	0	0	0	0	Regulatory functions
sll0741	35.002	15.643	0	24.829	40.099	30.618	0	0	0	Regulatory functions
sll1909	36.013	49.341	0	32.631	16.216	0	180.107	0	0	Regulatory functions
sll0474	36.109	0	0	33.552	14.068	0	0	0	0	Regulatory functions
sll1286	36.79	59.404	0	34.484	35.141	29.068	0	0	0	Regulatory functions
sll1292	36.887	28.85	0	33.071	39.821	56.468	0	0	0	Regulatory functions
sll1322	43.281	7.183	0	35.997	35.41	42.178	0	0	0	Regulatory functions
sll0039	45.003	0	0	46.123	46.268	57.409	0	0	0	Regulatory functions
sll1205	49.372	43.054	9.432	55.997	42.448	42.135	0	0	0	Regulatory functions
sll0564	50.628	0	0	48.853	69.403	0	0	13.122	0	Regulatory functions
sll0447	51.849	23.622	27.6	38.997	31.053	30.823	0	0	49.458	Regulatory functions
sll0210	51.947	42.101	14.757	50.613	53.131	16.481	9.706	0	31.734	Regulatory functions
sll0947	54.178	43.275	0	57.026	54.043	112.935	0	24.201	0	Regulatory functions
sll0701	54.623	51.01	0	73.841	60.35	0	0	0	0	Regulatory functions
sll1414	55.483	24.107	7.042	46.058	34.86	15.728	0	0	0	Regulatory functions
sll1575	55.714	33.762	7.396	53.339	39.944	0	53.512	0	10.603	Regulatory functions
sll1666	60.334	54.71	7.99	82.95	59.334	160.625	5.255	0	0	Regulatory functions
sll0195	61.486	32.741	0	48.117	61.333	96.126	0	0	0	Regulatory functions
sll1140	63.229	102.154	8.138	82.571	58.599	54.531	0	3.116	0	Regulatory functions
sll2104	63.884	66.618	74.593	56.839	54.734	65.196	70.392	2.484	0	Regulatory functions
sll1400	64.521	27.714	0	73.72	71.042	18.081	10.649	1.55	0	Regulatory functions
sll1296	69.511	38.05	6.669	66.21	66.026	44.686	0	0.638	4.78	Regulatory functions
sll1546	69.771	104.094	0	88.919	70.557	63.67	89.992	2.183	0	Regulatory functions
sll1837	70.137	44.932	0	54.808	79.739	29.315	0	0	0	Regulatory functions
sll1392	70.592	34.507	30.238	72.518	57.836	33.77	9.944	2.895	0	Regulatory functions
sll1670	71.244	55.72	8.138	70.015	47.611	18.177	433.548	6.232	0	Regulatory functions
sll1888	73.532	65.028	0	60.208	52.893	31.82	18.74	2.728	0	Regulatory functions
sll2024	73.658	0	17.04	70.874	76.688	38.061	0	0	0	Regulatory functions
sll1594	74.578	62.216	15.577	61.915	77.114	104.379	0	0	0	Regulatory functions
sll1897	75.177	32.439	14.213	63.406	59.168	47.62	14.022	1.361	0	Regulatory functions
sll0649	75.69	28.615	12.538	71.281	25.391	0	0	0	0	Regulatory functions
sll0929	76.057	89.787	0	46.712	42.491	35.148	0	0	0	Regulatory functions
sll0921	76.938	78.916	0	64.252	43.571	61.785	0	0	0	Regulatory functions
sll1673	77.364	139.854	20.426	71.366	78.135	182.491	0	0	0	Regulatory functions
sll0222	79.06	62.691	15.696	61.159	61.22	52.588	0	11.52	0	Regulatory functions
sll1624	82.617	21.013	9.207	79.365	66.295	61.693	0	3.525	0	Regulatory functions
sll0484	82.632	78.099	109.501	73.993	90.347	61.145	0	0	0	Regulatory functions
sll1037	83.528	79.992	140.194	53.686	26.289	0	0	0	0	Regulatory functions
sll1229	83.564	46.434	8.138							

srt443	94.487	40.061	5.015	94.369	4	92.537	67.21	0	0	0.96	20.551	0	0
srt0337	95.8	57.164	42.937	100.81	461.41	86.955	63.935	0	0	4.749	0	69.699	
srt1330	97.715	98.158	12.288	2	4	71.891	27.446	0	0	196.836	3.726	3.88	0
srt1760	101.826	33.415	58.562	100.15	401.05	101.029	87.203	0	0	150.099	0.787	61.768	3.645
srt1214	102.1	103.797	140.57	5	537.54	52.099	36.939	0	0	116.196	0	4.407	0
srt1590	112.827	80.22	0	98.542	8	98.864	117.761	0	0	11.226	1.779	15.558	74.731
srt0030	112.875	207.718	0	75.717	492.88	129.703	90.348	0	128.289	1.506	10.688	3.557	25.786
srt1871	114.173	88.643	447.791	116.71	6	102.819	20.412	32.63	10.714	309.192	0	0	
srt1228	119.072	111.03	14.594	6	552.04	107.279	65.196	1	0	20.804	111.717	50.043	31.354
srt1325	119.751	97.126	16.212	149.24	1	104.879	99.579	0	0	106.107	246.813	8.436	0
srt1708	125.145	77.526	13.587	3	757.58	103.951	30.348	72.12		312.162	217.42	632.589	5.026
srt1905	125.697	93.627	27.348	92.494	4	118.292	67.872	7		0	0	31.532	0
srt1805	125.932	98.551	8.225	140.90	424.07	117.522	45.927	22.39		0	0	1.596	0
srt1169	127.806	58.907	12.905	1	3	185.848	86.473	8	0	100.648	6.827	0	10.181
srt0780	128.48	108.632	0	128.60	499.74	85.682	85.05	8.936		267.593	0	7.29	9.641
srt1161	134.773	136.177	9.179	2	9	154.917	184.528	0		5.312	296.639	0	0
srt0311	136.192	101.885	4.058	104.82	756.58	138.805	54.387	0		4.374	0	0	0
srt0533	136.477	78.022	7.597	111.14	5	116.241	135.745	0		201.926	4.668	1.04	0
srt1212	142.264	120.793	25.55	8	21.022	87.061	105.985	0					
srt0395	148.436	124.891	9.949	107.72	24.417	154.477	88.891	211.31					
srt0594	151.01	68.343	0	9	29.519	138.132	100.326	34.699					
srt1291	154.627	166.352	7.672	107.78	23.587	158.832	102.822	0					
srt0792	155.225	79.391	23.19	1	27.872	125.238	0	372.10					
srt2041	157.079	192.331	67.416	105.68	24.202	117.567	75.29	5.0					
srt0396	157.509	125.144	13.708	8	45.467	138.805	91.854	0					
srt0081	158.493	120.445	0	146.71	49.618	116.111	130.97	55.50					
srt0698	168.845	148.42	157.93	2	44.736	155.738	31.125	8.0					
srt1672	172.869	126.455	299.193	138.77	76.194	170.39	156.757	0					
srt0779	192.85	190.897	48.791	6	53.376	188.995	93.411	0					
srt1588	193.421	183.49	7.309	152.63	71.281	210.51	146.923	439.65					
srt1555	195.743	219.383	142.094	1	78.035	133.539	205.364	3 9.165					
srt0322	198.118	105.975	8.442	102.16	77.44	139.945	119.427	0					
srt0797	205.145	299.546	13.125	7	53.686	197.871	175.891	220.04					
srt1124	211.647	159.052	11.24	158.01	84.055	170.472	120.508	9.0					
srt1759	213.093	245.39	10.541	5	72.971	160.342	329.619	10.995					
srt1305	221.067	138.108	462.092	152.16	94.662	175.776	98.298	209.15					
srt1912	221.704	147.885	77.755	6	60.991	262.447	57.891	0					
srt1283	226.448	242.426	39.34	157.10	177.53	226.621	281.186	0					
srt0640	230.231	270.743	20.934	9	182.20	218.257	233.791	2.773					
srt0567	232.468	254.434	55.74	113.95	3	526.791	166.001	149.5					
srt11544	235.085	153.697	40.405	3	155.97	196.994	0	5					
srt0998	235.581	223.794	89.141	131.71	8	278.814	159.284	17.04					
srt0348	238.835	86.478	30.312	8	331.97	143.239	101.558	7 0					
srt0789	242.879	256.8	39.712	121.61	5	288.93	236.534	0					
srt1957	243.764	301.686	0	4	366.65	66.098	65.61	171.08					
srt1872	248.29	212.394	0	117.81	9	264.747	148.471	5					
srt2100	262.058	257.536	108.66	165.46	828.10	178.679	205.364	327.76					
srt11535	291.402	218.438	114.233	2	6	214.669	124.127	1					
srt1680	323.854	238.621	0	147.74	21.497	215.658	155.685	11.726					
srt0707	327.065	249.18	27.294	5	23.779	196.539	121.93	0					
srt11574	338.06	338.429	0	200.35	19.895	253.587	198.722	0					
srt1245	343.461	418.178	40.717	9	35.965	373.354	204.625	0					
srt1982	371.544	283.844	24.873	219.16	28.928	352.61	222.227	0					
srt1213	401.444	334.514	25.49	3	37.733	410.107	398.54	1055.51					
srt0750	428.199	293.305	80.32	158.12	57.631	289.178	161.462	8					
srt0322	431.495	302.471	28.112	3	49.22	308.155	251.163	333.019					
srt1738	453.642	301.686	2709.758	130.82	40.567	446.16	295.245	0					
srt1041	478.948	343.823	79.287	6	48.902	387.156	301.064	0					
srt11592	496.863	403.133	108.697	239.26	43.753	400.518	182.089	0					
srt0790	508.853	414.078	430.052	2	62.654	554.919	405.238	294.57					
srt1147	514.685	404.559	35.451	191.03	56.376	445.134	411.759	8 0					
srt1584	528.781	524.205	65.623	3	66.538	478.435	469.041	50.295					
srt1423	571.742	669.671	150.12	178.33		629.537	457.238	126.78					
srt1969	591.371	468.664	106.779	7		426.951	376.1	6.0					
srt1693	679.469	517.326	404.761	180.02		475.436	433.956	14.49					
srt2099	1235.886	671.326	117.656	7		705.373	675.765	10.43					
srt0856	21.169	56.465	0	229.50		11.134	0	0					
srt0800	25.157	21.861	0	8		21.554	0	238.656					
srt1130	33.575	73.71	32.296	243.19		14.535	0	18.654					
srt1469	34.202	0	0	3		11.104	55.112	241.702					
srt11742	34.68	17.086	0	248.68		33.691	0	0					
srt1859	35.094	0	0	4		19.102	0	1782.76					
srt1043	45.848	48.952	8.579	291.97		32.819	19.163	9					
srt2012	48.142	11.033	0	3		58.742	64.787	63.892					
srt11689	49.716	104.639	0	200.80		69.403	0	49.747					
srt11818	66.968	78.215	0	6		68.301	43.74	0					
srt1265	72.851	78.589	14.757	257.58		54.238	43.949	0					
srt0649	75.69	28.615	12.538	5		25.391	0	0					
srt1787	82.722	44.674	11.185	163.56		74.248	43.72	0					
srt0306	82.754	91.552	44.57	7		68.199	99.553	0					
srt1037	83.528	79.992	140.194	275.50		26.289	0	0					
srt1646	86.562	75.855	0	4		71.796	0	0					
srt1545	89.403	94.277	0	151.73		58.868	0	0					
srt0743	92.53	122.69	6.72	276.80		90.722	135.079	0					
srt1600	137.275	105.065	0	3		93.227	205.643	0					
srt0184	160.287	130.358	22.847	224.00		152.514	153.09	0					
srt0346	195.164	201.124	62.944	7		144.471	84.356	0					
srt1564	250.877	135.894	0	223.42		176.856	159.592	69.88					
srt0754	371.523	341.446	0	2		305.579	308.465	7 0					
srt1290	423.544	311.335	147.971	190.83		336.088	309.852	0					
srt0653	885.923	900.571	456.126	2		752.677	614.516	0					
srt0401	22.647	18.284	0	185.39		25.237	53.681	0					
srt0354	25.061	33.362	0	1		9.868	32.65	0					
srt11432	25.766	0	0	334.23		19.413	0	0					
srt1295	32.1	29.249	0	1		28.838	38.166	195.34					
srt0683	32.294	0	0	380.52		28.275	76.545	4					
srt1248	37.616	10.698	0	1		21.095	20.939	198.71					
srt0240	39.3	64.286	0	387.94		72.889	62.914	8 0					
srt0773	42.376	46.515	13.587	7		42.803	0	0					
srt0489	43.461	20.523	0	412.31		46.538	20.085	0					
srt1636	47.686	30.342	0	4		39.887	59.388	861.90					
srt1735	49.361	41.735	0	242.60		52.121	54.459	6 0					
srt10095	52.787	68.163	119.461	2		48.875	12.129	0					
srt0684	53.304	26.365	0</td										

129.41	20.19	R	R	R	R	R	R	R	Regulatory functions
2 0	0	e	e	g	e	g	u	g	Regulatory functions
0	0	g	g	u	g	u	u	u	Regulatory functions
0	12,706	u	u	l	l	a	a	l	Regulatory functions
11.85	0	l	l	l	l	a	a	l	Regulatory functions
4 0	0	a	a	t	t	t	t	a	Regulatory functions
0	0	t	t	t	t	t	t	t	Regulatory functions
6.55	0	o	o	o	o	o	o	o	Regulatory functions
453.31		r	r	r	r	r	r	r	Regulatory functions
6 0		y	y	y	y	y	y	y	Regulatory functions
0									Regulatory functions
4.35		f	f	f	f	f	f	f	Regulatory functions
6		u	u	u	u	u	u	u	Regulatory functions
5.89		n	n	n	n	n	n	n	Regulatory functions
5		c	c	c	c	c	c	c	Regulatory functions
18.5		t	t	t	t	t	t	t	Regulatory functions
0		i	i	i	i	i	i	i	Regulatory functions
105.27		o	o	o	o	o	o	o	Regulatory functions
5 0		n	n	n	n	n	n	n	Regulatory functions
0		s	s	s	s	s	s	s	Regulatory functions
5.233									Regulatory functions
14.26		R	R	R	R	R	R	R	Regulatory functions
3 0		e	e	g	e	g	e	g	Regulatory functions
0		g	g	u	g	u	g	u	Regulatory functions
99.735		u	u	u	u	u	u	u	Regulatory functions
0		l	l	l	l	l	l	l	Regulatory functions
294.77		a	a	a	a	a	a	a	Transcription
1 0		t	t	t	t	t	t	t	Transcription
6.659		o	o	o	o	o	o	o	Transcription
26.476		r	r	r	r	r	r	r	Transcription
24.981		y	y	y	y	y	y	y	Transcription
10.478									Transcription
0		f	f	f	f	f	f	f	Transcription
4.034		u	u	u	u	u	u	u	Transcription
0		n	n	n	n	n	n	n	Transcription
6.445		c	c	c	c	c	c	c	Transcription
6.045		t	t	t	t	t	t	t	Transcription
26.288		i	i	i	i	i	i	i	Transcription
0		o	o	o	o	o	o	o	Transcription
0		n	n	n	n	n	n	n	Transcription
0		s	s	s	s	s	s	s	Transcription
0									Transcription
19.308		R	R	R	R	R	R	R	Transport and binding proteins
434.49		e	e	g	e	g	e	g	Transport and binding proteins
119.50		g	g	u	g	u	g	u	Transport and binding proteins
2		u	u	u	u	u	u	u	Transport and binding proteins
18.977		l	l	l	l	l	l	l	Transport and binding proteins
0		a	a	a	a	a	a	a	Transport and binding proteins
0		t	t	t	t	t	t	t	Transport and binding proteins
119.82		o	o	o	o	o	o	o	Transport and binding proteins
6		r	r	r	r	r	r	r	Transport and binding proteins
30.982		y	y	y	y	y	y	y	Transport and binding proteins
0									Transport and binding proteins
0		f	f	f	f	f	f	f	Transport and binding proteins
42.51		u	u	u	u	u	u	u	Transport and binding proteins
5		n	n	n	n	n	n	n	Transport and binding proteins
14.59		c	c	c	c	c	c	c	Transport and binding proteins
3 0		t	t	t	t	t	t	t	Transport and binding proteins
0		i	i	i	i	i	i	i	Transport and binding proteins
11.515		o	o	o	o	o	o	o	Transport and binding proteins
1122.66		n	n	n	n	n	n	n	Transport and binding proteins
4 0		s	s	s	s	s	s	s	Transport and binding proteins
0									Transport and binding proteins
58.435		R	R	R	R	R	R	R	Transport and binding proteins
67.431		e	e	g	e	g	e	g	Transport and binding proteins
60.987		g	g	g	g	g	g	g	Transport and binding proteins
37.63		u	u	u	u	u	u	u	Transport and binding proteins
19.564		l	l	l	l	l	l	l	Transport and binding proteins
17.663		a	a	a	a	a	a	a	Transport and binding proteins
417.78		t	t	t	t	t	t	t	Transport and binding proteins
6		o	o	o	o	o	o	o	Transport and binding proteins
530.10		r	r	r	r	r	r	r	Transport and binding proteins
7 0		y	y	y	y	y	y	y	Transport and binding proteins
0									Transport and binding proteins
0		f	f	f	f	f	f	f	Transport and binding proteins
0		u	u	u	u	u	u	u	Transport and binding proteins
0		n	n	n	n	n	n	n	Transport and binding proteins
0		c	c	c	c	c	c	c	Transport and binding proteins
0		t	t	t	t	t	t	t	Transport and binding proteins
0		i	i	i	i	i	i	i	Transport and binding proteins
0		o	o	o	o	o	o	o	Transport and binding proteins
0		n	n	n	n	n	n	n	Transport and binding proteins
0		s	s	s	s	s	s	s	Transport and binding proteins
0									Transport and binding proteins
8.017		R	R	R	R	R	R	R	Transport and binding proteins
12.77		e	e	g	e	g	e	g	Transport and binding proteins
9 0		g	g	u	g	u	g	u	Transport and binding proteins
0		u	u	l	u	l	u	l	Transport and binding proteins
98.69		l	l	l	l	l	l	l	Transport and binding proteins
6 0		a	a	a	a	a	a	a	Transport and binding proteins
0		t	t	t	t	t	t	t	Transport and binding proteins
21.83		o	o	o	o	o	o	o	Transport and binding proteins
5		r	r	r	r	r	r	r	Transport and binding proteins
18.04		y	y	y	y	y	y	y	Transport and binding proteins
7									Transport and binding proteins
68.28		f	f	f	f	f	f	f	Transport and binding proteins
7 0		u	u	u	u	u	u	u	Transport and binding proteins
6.629		n	n	n	n	n	n	n	Transport and binding proteins
20.75		c	c	c	c	c	c	c	Transport and binding proteins
9 0		t	t	t	t	t	t	t	Transport and binding proteins
0		i	i	i	i	i	i	i	Transport and binding proteins
15.4		o	o	o	o	o	o	o	Transport and binding proteins
6 0		n	n	n	n	n	n	n	Transport and binding proteins
0		s	s	s	s	s	s	s	Transport and binding proteins
0									Transport and binding proteins

<i>slr1457</i>	67.926	70.393	7.711	59.744	67.668	0	0	0	11.054	Transport and binding proteins
<i>slr1145</i>	71.747	61.136	1048.501	66.23	58.553	34.189	0	2.931	0	Transport and binding proteins
<i>slr0949</i>	74.874	24.527	0	61.279	84.637	24.004	0	0	0	Transport and binding proteins
<i>slr1488</i>	76.675	46.464	0	91.247	91.621	79.576	3.347	0	0	Transport and binding proteins
<i>slr1950</i>	77.789	54.079	7.898	53.779	52.43	17.642	0	0.756	0	Transport and binding proteins
<i>slr1992</i>	79.843	136.245	0	66.744	40.298	44.445	0	937.191	28.526	Transport and binding proteins
<i>slr0385</i>	80.136	74.098	0	75.865	73.055	24.172	0	0	0	Transport and binding proteins
<i>slr0993</i>	83.15	96.166	0	97.658	96.709	94.113	0	0	12.081	Transport and binding proteins
<i>slr0615</i>	87.139	90.869	21.234	97.577	121.843	71.143	0	172.782	7.61	Transport and binding proteins
<i>slr1770</i>	89.276	78.081	0	64.702	124.356	23.512	0	0	0	Transport and binding proteins
<i>slr0822</i>	89.923	70.098	139.019	74.065	78.569	50.549	0	12.38	0	Transport and binding proteins
<i>slr0739</i>	91.959	68.565	15.021	87.75	94.64	67.101	0	41.22	0	Transport and binding proteins
<i>slr1314</i>	96.847	104.639	0	118.97	93.787	223.428	115.135	6.384	0	Transport and binding proteins
<i>slr1935</i>	99.711	45.318	0	72.261	62.552	59.133	26.119	0	0	Transport and binding proteins
<i>slr0044</i>	100.779	74.622	0	88.465	88.286	73.029	0	2.087	0	Transport and binding proteins
<i>slr1452</i>	102.027	78.681	13.79	95.281	85.848	51.334	9.07	18.481	0	Transport and binding proteins
<i>slr2057</i>	103.207	42.577	0	143.499	114.738	83.335	0	40.478	0	Transport and binding proteins
<i>slr0680</i>	103.717	128.321	24.096	93.08	95.79	71.761	0	6.151	0	Transport and binding proteins
<i>slr0536</i>	104.313	88.731	0	100.265	89.426	77.188	34.094	0	0	Transport and binding proteins
<i>slr1699</i>	107.255	111.382	14.641	100.261	95.538	152.605	0	862.401	34.981	Transport and binding proteins
<i>slr1740</i>	109.322	96.595	645.424	103.807	101.187	82.716	0	0	68.258	Transport and binding proteins
<i>slr0556</i>	113.219	89.105	4.88	97.642	85.655	32.701	28.888	11.212	0	Transport and binding proteins
<i>slr1600</i>	113.789	91.718	281.302	142.879	122.076	134.639	0	0	14.403	Transport and binding proteins
<i>slr1623</i>	114.516	94.277	0	81.053	68.163	30.755	0	7.909	0	Transport and binding proteins
<i>slr0108</i>	115.275	55.428	291.428	95.205	86.07	81.367	0	0	8.704	Transport and binding proteins
<i>slr0467</i>	117.964	91.932	0	87.433	80.279	51.411	0	0	0	Transport and binding proteins
<i>slr0889</i>	118.558	68.844	22.623	109.903	91.632	84.218	0	2.888	799.991	Transport and binding proteins
<i>slr1145</i>	119.945	50.904	6.372	85.071	96.074	42.701	0	4.88	0	Transport and binding proteins
<i>slr1201</i>	120.445	68.509	1395.805	93.007	92.875	16.762	19.743	11.494	0	Transport and binding proteins
<i>slr1881</i>	122.543	160.649	63.989	109.892	109.432	57.17	0	0	0	Transport and binding proteins
<i>slr0672</i>	122.556	126.5	182.579	184.159	168.738	80.105	0	0.624	0	Transport and binding proteins
<i>slr1598</i>	123.213	148.868	27.954	139.708	119.515	124.877	0	0	0	Transport and binding proteins
<i>slr0759</i>	123.983	101.14	0	109.844	79.773	79.184	0	0	0	Transport and binding proteins
<i>slr2044</i>	127.055	109.231	10.635	126.819	83.762	71.266	0	0	0	Transport and binding proteins
<i>slr0384</i>	133.002	81.853	0	144.954	112.981	0	0	119.017	17.138	Transport and binding proteins
<i>slr1341</i>	133.288	89.673	39.29	94.886	83.99	43.879	0	0	0	Transport and binding proteins
<i>slr1878</i>	144.978	95.384	0	142.142	110.969	168.025	0	0	0	Transport and binding proteins
<i>slr1920</i>	149.23	94.361	446.517	136.319	103.267	120.05	266.488	6.333	0	Transport and binding proteins
<i>slr0540</i>	149.583	182.84	0	175.668	180.267	67.101	13.173	0	0	Transport and binding proteins
<i>slr0559</i>	149.597	116.033	0	101.634	140.331	60.563	17.834	1.298	0	Transport and binding proteins
<i>slr1087</i>	153.518	82.331	0	127.954	109.583	67.145	7.909	0	0	Transport and binding proteins
<i>slr0043</i>	157.728	147.531	36.937	169.969	124.675	92.816	3.037	7.072	13.238	Transport and binding proteins
<i>slr0794</i>	160.868	173.481	40.929	178.713	173.671	91.419	101.909	3.358	4.191	Transport and binding proteins
<i>slr1864</i>	172.885	109.501	27.416	119.89	120.298	107.163	29.302	4.593	4.913	Transport and binding proteins
<i>slr1727</i>	172.915	126.655	11.683	134.41	148.532	130.474	0	0	0	Transport and binding proteins
<i>slr1454</i>	175.055	165.183	22.269	158.353	150.331	74.611	0	0	0	Transport and binding proteins
<i>slr1113</i>	179.402	221.961	18.524	187.022	189.659	124.127	12.184	0	0	Transport and binding proteins
<i>slr1224</i>	180.863	86.055	22.623	142.152	130.66	84.218	0	0	0	Transport and binding proteins
<i>slr1250</i>	193.784	142.339	22.679	198.347	181.161	126.637	283.404	2.171	536.441	Transport and binding proteins
<i>slr1455</i>	193.884	108.754	17.327	165.64	122.819	96.756	5.698	0	12.42	Transport and binding proteins
<i>slr0682</i>	194.933	109.99	10.709	195.59	159.048	95.681	0	0	0	Transport and binding proteins
<i>slr1768</i>	196.972	129.162	18.864	198.838	169.792	210.674	0	0	0	Transport and binding proteins
<i>slr1081</i>	198.388	75.153	10.976	140.453	111.143	220.646	50.534	0	0	Transport and binding proteins
<i>slr0681</i>	200.601	143.886	19.398	170.306	150.591	151.646	0	0	13.904	Transport and binding proteins
<i>slr0005</i>	204.557	201.271	253.254	194.618	160.786	101.012	8.923	0.866	6.483	Transport and binding proteins
<i>slr0146</i>	206.312	94.361	8.269	140.895	143.271	36.939	76.14	0	213.373	Transport and binding proteins
<i>slr1428</i>	207.542	240.25	0	145.822	142.121	117.56	0	0	15.091	Transport and binding proteins
<i>slr1082</i>	207.947	131.823	115.516	164.672	135.166	129.008	15.195	0	16.56	Transport and binding proteins
<i>slr0273</i>	210.664	156.623	114.021	181.855	192.429	114.605	202.482	22.922	16.346	Transport and binding proteins
<i>slr0237</i>	213.403	204.632	8.966	192.771	149.296	180.237	11.794	678.053	77.12	Transport and binding proteins
<i>slr1651</i>	215.816	249.35	46.222	344.537	270.425	187.712	52.511	154.465	18.072	Transport and binding proteins
<i>slr1392</i>	232.971	200.306	10.03	209.344	185.074	134.42	9.895	2.881	0	Transport and binding proteins
<i>slr1453</i>	238.733	171.691	64.48	188.882	176.529	144.022	0	26.748	0	Transport and binding proteins
<i>slr1723</i>	241.619	168.84	34.143	185.718	151.098	76.262	0	315.954	815.788	Transport and binding proteins
<i>slr0747</i>	244.176	193.388	42.366	279.947	247.867	246.037	6158.173	217.384	72.883	Transport and binding proteins
<i>slr0312</i>	247.481	145.785	164.251	164.973	151.947	142.673	0	8.735	2158.459	Transport and binding proteins
<i>slr1890</i>	247.578	178.966	34.851	154.01	207.816	155.685	34.383	433.705	24.981	Transport and binding proteins
<i>slr1257</i>	247.769	229.928	69.745	235.108	188.329	225.019	0	1.484	0	Transport and binding proteins
<i>slr0537</i>	250.13	116.889	5.691	182.474	186.952	203.367	0	0	0	Transport and binding proteins
<i>slr1076</i>	269.125	133.841	114.115	204.619	204.713	141.604	31.273	211.199	68.164	Transport and binding proteins
<i>slr1802</i>	284.07	186.085	130.453	272.618	270.482	135.283	15.322	14.272	0	Transport and binding proteins
<i>slr1453</i>	297.315	253.67	18.524	343.444	298.035	206.878	12.184	86.891	0	Transport and binding proteins
<i>slr1200</i>	305.995	253.343	39.644	274.189	244.426	106.258	0	22.77	11.367	Transport and binding proteins
<i>slr0771</i>	308.733	165.102	39.458	208.229	192.374	220.332	198.965	3.777	0	Transport and binding proteins
<i>slr1249</i>	330.56	350.757	0	352.308	305.276	213.063	6.971	0	0	Transport and binding proteins
<i>slr1149</i>	334.997	245.558	15.37	282.175	289.37	263.203	0	1.962	0	Transport and binding proteins
<i>slr0764</i>	346.544	254.093	255.649	283.112	250.518	184.199	5.424	1.579	0	Transport and binding proteins
<i>slr1919</i>	348.929	335.206	32.638	366.463	302.336	243	3.578	820.669	62.385	Transport and binding proteins
<i>ssr1499</i>	356.896	195.537	0	323.577	277.611	153.09	0	52.489	0	Transport and binding proteins
<i>slr1104</i>	360.438	213.313	197.311	299.385	303.783	185.564	0	9.941	0	Transport and binding proteins
<i>slr0507</i>	373.475	290.282	103.339	284.761	295.14	195.308	0	53.267	11.396	Transport and binding proteins
<i>slr0415</i>	419.686	261.835	66.186	330.782	298.858	197.111	0	0.845	0	Transport and binding proteins
<i>slr0142</i>	428.905	261.685	40.13	310.165	288.318	166.464	209.267	92.747	49.311	Transport and binding proteins
<i>slr0324</i>	456.319	274.415	41.821	280.9	254.084	163.469	0	2.002	14.988	Transport and binding proteins
<i>slr1216</i>	525.313	409.616	39.883	450.375	399.564	163.318	0	6.363	638.459	Transport and binding proteins
<i>slr0327</i>	526.543	340.613	193.458	414.737	368.157	234.573	69.073	24.34	0	Transport and binding proteins
<i>slr0671</i>	560.909	387.994	16.19	385.435	389.821	235.059	0	6.2	34.816	Transport and binding proteins
<i>slr1509</i>	569.738	498.29	41.586	435.547	414.856	371.544	104.848	14.597	29.808	Transport and binding proteins
<i>slr0484</i>	570.079	429.227	62.689	504.275	480.711	238.582	0	57.517	53.922	Transport and binding proteins
<i>slr0689</i>	592.242	457.099	327.12	464.117	443.633	351.206	0	4.631	19.141	

ssl2559	14.205	0	0	12.017	7.01	0	0	0	0	Unclassified
slr1722	15.513	18.143	0	15.198	32.197	0	0	0	0	Unclassified
slr0517	16.739	17.169	0	18.167	20.313	33.605	0	0	0	Unclassified
slr0247	17.876	20.523	0	25.335	18.211	20.085	0	0	0	Unclassified
ssl1169	18.985	0	0	27.803	8.675	86.113	0	0	0	Unclassified
slr0242	20.615	21.861	0	22.168	34.486	0	88.199	3.668	0	Unclassified
ssl1380	20.931	0	0	19.969	16.14	0	0	0	0	20.565 Unclassified
slr0712	21.052	0	0	18.882	14.902	0	0	0	0	Unclassified
slr1166	22.818	19.829	8.688	30.744	31.28	38.812	0	0	0	Unclassified
ssl1001	23.277	13.485	0	30.719	13.296	0	0	0	0	Unclassified
slr1247	24.084	21.076	0	26.947	33.247	0	0	0	0	Unclassified
ssl0634	24.806	12.221	10.709	25.863	38.557	0	0	0	0	Unclassified
ssl0895	24.852	12.054	158.439	22.32	26.145	47.185	0	0	0	Unclassified
slr0905	25.831	0	0	22.96	17.705	0	0	0	0	Unclassified
slr1319	26.168	11.138	0	26.191	19.767	21.801	0	0	0	Unclassified
ssl1249	26.266	13.695	0	23.75	27.005	0	0	0	0	Unclassified
slr0192	26.415	0	0	27.437	18.105	119.809	246.957	0	0	Unclassified
ssl1550	27.043	38.749	0	37.68	34.383	63.202	0	0	0	Unclassified
ssl1308	27.336	0	0	29.291	39.022	0	65.175	2.372	0	Unclassified
slr0719	27.62	18.096	0	27.126	21.41	35.419	0	0	0	Unclassified
slr1419	27.775	65.994	0	34.592	30.364	0	0	0	0	Unclassified
ssl0601	28.436	38.678	0	32.779	38.133	0	0	0	0	Unclassified
slr1251	28.781	20.463	0	45.11	36.315	0	0	0	0	Unclassified
slr0090	29.285	10.352	0	37.273	57.155	20.262	11.933	1.737	0	Unclassified
slr0454	29.425	19.339	3.389	30.467	19.829	7.57	0	0	0	Unclassified
slr0711	30.263	0	0	19.97	10.981	87.203	0	1.869	0	Unclassified
slr2047	30.435	0	0	31.916	33.752	0	0	0	0	Unclassified
slr0901	31.214	21.461	0	32.644	23.275	21.003	0	7.201	0	Unclassified
ssl1378	31.584	35.08	10.247	31.62	36.892	22.887	0	0	88.138	Unclassified
slr1165	32.083	45.008	0	36.777	33.725	35.238	0	0	0	Unclassified
slr0626	32.709	44.106	7.73	31.632	31.309	17.266	0	2.96	0	Unclassified
ssl0221	33.144	38.05	0	49.489	33.763	0	0	0	0	Unclassified
slr1534	34.087	58.273	0	34.941	27.577	0	0	0	0	Unclassified
ssl0622	34.739	22.067	0	35.349	32.634	43.192	0	0	13.861	Unclassified
slr0083	34.916	28.557	0	29.273	30.971	0	0	0	0	Unclassified
slr1762	34.968	15.854	0	34.251	31.262	0	0	0	0	Unclassified
slr1882	36.368	33.627	0	31.299	35.364	65.819	0	0	0	Unclassified
ssl1937	36.423	0	0	23.072	0	0	0	21.241	0	Unclassified
slr1763	36.473	87.772	15.383	43.987	43.268	17.18	429.997	7.363	0	Unclassified
ssl1579	36.544	38.536	22.513	34.17	25.329	25.143	0	0	0	Unclassified
slr1115	36.63	0	0	47.716	40.35	0	0	0	17.138	Unclassified
ssl0250	36.99	87.337	7.653	41.33	27.554	51.283	0	0	230.404	Unclassified
slr1956	37.719	81.38	0	30.199	84.246	119.463	0	0	0	Unclassified
slr0452	38.136	37.576	0	46.296	40.752	61.29	0	0	0	Unclassified
ssl1527	38.417	0	0	43.526	8.464	0	197.91	28.805	0	Unclassified
slr0042	38.607	42.7	5.345	36.845	28.868	59.697	0	0	0	Unclassified
slr0531	39.697	11.771	0	50.515	51.066	23.04	0	0	0	Unclassified
slr0361	39.827	56.315	0	41.174	19.433	27.556	0	0	0	Unclassified
ssl1596	40.255	32.29	84.888	57.895	6.367	63.202	0	5.417	0	Unclassified
slr0067	40.442	0	0	31.036	30.012	0	0	0	0	Unclassified
slr0644	40.61	29.66	86.637	32.111	37.041	19.351	5.698	0	0	Unclassified
slr1706	40.718	10.232	8.966	40.599	34.298	80.105	0	0	77.12	Unclassified
ssl1899	41.347	44.412	0	34.756	50.355	21.732	0	0	0	Unclassified
slr1065	41.441	167.603	691.155	32.745	33.049	270.159	164.786	6.616	0	Unclassified
ssl0040	41.498	0	0	42.116	79.642	0	0	0	0	Unclassified
ssl0828	41.718	34.711	6.083	36.321	21.902	27.176	0	6.988	0	Unclassified
ssl1556	42.431	30.169	8.812	32.07	27.761	78.732	0	0	0	Unclassified
slr0758	42.947	47.38	5.931	49.637	52.052	39.744	7.802	0	0	Unclassified
slr1300	42.969	50.887	7.432	41.256	55.188	16.6	0	0	21.309	Unclassified
ssl2542	43.576	0	0	29.142	19.55	97.029	0	0	0	Unclassified
ssl1475	43.794	59.055	0	60.058	39.592	92.47	0	0	0	Unclassified
ssl0910	43.89	48.347	186.412	45.189	40.04	37.852	0	30.823	0	Unclassified
ssl1723	44.024	25.505	0	33.11	30.175	16.64	0	0	0	Unclassified
ssl1534	44.082	18.573	16.276	60.188	51.274	18.177	10.705	0	0	Unclassified
ssl0020	44.277	21.409	101.308	30.52	23.641	33.523	0	0	0	Unclassified
slr0040	44.58	62.157	0	45.674	44.43	15.208	0	0	0	Unclassified
ssl1405	44.845	73.839	0	52.811	67.947	0	0	0	0	Unclassified
ssl2333	45.003	0	0	25.863	34.701	86.113	1546.788	51.669	0	Unclassified
ssl2667	45.295	45.71	0	40.306	63.093	0	79.035	0	0	Unclassified
slr1822	46.025	15.998	0	55.018	25.237	156.569	0	5.368	0	Unclassified
slr0835	46.076	11.578	30.437	52.577	91.319	0	0	0	0	Unclassified
ssl0875	46.48	27.179	11.908	28.16	21.437	0	0	0	0	Unclassified
slr0766	46.801	28.85	113.764	40.279	45.51	28.234	656.793	14.521	36.242	Unclassified
slr1854	47.49	70.747	0	53.286	55.801	0	0	0	0	Unclassified
ssl1789	47.524	0	0	49.943	47.864	0	0	10.181	0	Unclassified
slr0513	47.823	40.572	426.644	50.683	40.002	39.706	5.846	0	0	Unclassified
slr0936	47.961	35.056	6.144	38.743	33.181	0	0	1.176	8.808	Unclassified
slr1364	48.004	48.48	0	38.189	28.679	37.956	5.588	0	0	Unclassified
ssl0320	48.254	16.145	14.148	35.829	41.387	63.202	0	0	0	Unclassified
slr1046	48.28	55.428	0	14.255	87.436	0	0	0	0	Unclassified
ssl3044	48.378	0	0	49.657	34.701	68.89	0	0	0	Unclassified
ssl0374	48.378	28.157	12.337	64.141	36.089	82.669	0	0	0	Unclassified
ssl1284	48.844	51.507	0	33.307	27.084	0	0	0	0	Unclassified
slr0904	48.863	41.408	0	52.639	48.99	27.016	0	1.158	0	Unclassified
ssl1758	48.901	36.511	0	41.317	37.437	28.585	4.209	0	0	Unclassified
slr1234	48.916	0	0	51.726	36.21	0	0	0	0	Unclassified
ssl1154	49.406	67.201	14.722	58.886	49.692	49.325	0	0	0	Unclassified
slr1492	49.582	90.248	19.771	70.46	44.489	110.401	0	0	0	Unclassified
ssl1408	49.607	50.716	17.777	59.925	52.002	59.559	11.692	0	0	Unclassified
slr2116	50.364	76.238	44.538	73.575	80.176	49.74	776.278	21.318	0	Unclassified
ssl1629	50.422	21.461	0	57.246	42.319	21.003	0	0	0	Unclassified
ssl1789	50.577	34.716	163.808	42.66	36.86	67.95	3.078	13.889	0	Unclassified
ssl2034	51.497	41.046	17.984	59.417	66.772	20.085	0	0	0	Unclassified
slr1521	51.837	46.052	0	60.911	51.89	12.877	0	20.971	0	Unclassified
slr2048	52.165	61.748	0	56.523	66.098	51.797	0	0	0	Unclassified
slr0839	52.339	27.214	1176.477	57.059	42.929	17.755	0	1.522	0	Unclassified
ssl1430	53.002	122.069	0	69.965	48.141	79.642	0	0	0	Unclassified
slr1784	53.689	64.188	0	82.385	86.449	20.939	6.166	0	0	Unclassified
slr0089	53.777	44.273	9.699	52.052	43.649	86.655	19.137	0	0	Unclassified
ssl1306	54.077	94.277	18.359	72.817	86.753	41.006	6.037	149.384	0	Unclassified
slr1856	55.223	63.994	0	67.244	37.856	125.255	0	0	0	Unclassified
slr0041	55.252	37.576	0	50.065	59.276	24.516	0	0	0	Unclassified
ssl1202	55.607	60.684	88.629	44.74	59.83	19.796	5.829	6.787	1334.094	Unclassified
slr0011	55.849	50.643	0	113.5	114.839	49.561	58.376	93.461	0	Unclassified
slr1409	55.909	43.054	0	71.816	0	0	0	0	0	Unclassified

slr1829	56.253	63.801	0	41.256	50.322	62.438	12.257	0	13.358	Unclassified
sl0086	57.258	62.851	0	55.421	59.488	0	0	31.634	0	Unclassified
slr0612	57.765	75.692	82.911	63.685	37.313	111.114	0	3.175	0	Unclassified
sl11631	57.958	42.663	37.385	67.087	37.856	83.504	0	0	0	Unclassified
sl00271	58.088	76.514	0	58.848	50.292	24.96	0	2.14	0	Unclassified
slr0711	58.291	76.514	0	73.841	125.729	99.841	0	0	0	Unclassified
slr1109	58.671	31.852	6.978	50.205	37.685	46.758	0	1.336	0	Unclassified
slr1962	59.741	94.87	16.627	58	41.155	92.844	38.275	1.592	0	Unclassified
slr1742	60.412	27.39	12.001	59.978	54.01	26.806	0	0	0	Unclassified
slr1719	60.987	17.424	0	51.214	44.665	34.104	0	0	0	Unclassified
slr1846	61.983	32.589	0	48.374	44.983	0	0	0	0	Unclassified
slr1508	62.167	45.124	537.772	53.981	37.371	52.993	0	1.514	1813.978	Unclassified
slr0955	63.121	45.71	360.5	47.964	23.435	53.681	5.269	1.534	0	Unclassified
slr0953	63.141	43.098	0	56.371	48.157	0	16.56	0	0	Unclassified
sl11690	63.189	48.215	0	62.355	57.043	0	0	0	0	Unclassified
sl11536	63.267	44.779	23.544	51.99	47.681	35.059	20.647	0	0	Unclassified
sl11735	63.39	0	23.017	52.884	56.972	0	15.139	0	0	Unclassified
slr1697	63.591	73.454	5.364	63.511	48.28	35.943	14.112	2.054	7.69	Unclassified
slr1598	63.624	48.547	10.635	71.525	67.009	71.266	0	2.036	0	Unclassified
sl11304	63.871	61.105	139.221	69.687	93.983	23.92	0	0	0	Unclassified
slr1171	64.857	20.704	0	51.726	53.073	121.571	0	0	0	Unclassified
slr1512	65.854	65.7	0	94.763	92.537	110.225	0	0	0	Unclassified
slr0017	66.248	40.087	21.077	52.08	50.59	62.77	0	0	0	Unclassified
slr1270	66.821	26.715	0	63.308	44.776	39.217	0	91.881	0	Unclassified
slr1794	66.946	58.176	0	54.006	43.974	0	0	0	0	Unclassified
sl11297	67.039	62.295	18.196	78.581	90.08	60.965	0	6.968	13.043	Unclassified
slr1064	67.718	76.514	293.342	52.289	41.491	0	99.224	216.626	0	Unclassified
sl11258	70.172	36.285	0	89.588	100.169	35.511	0	0	0	Unclassified
sl11724	70.761	101.885	0	66.019	67.576	145.033	0	0	0	Unclassified
slr0370	70.966	30.942	6.779	77.533	76.267	60.563	0	0	0	Unclassified
slr1645	71.557	77.64	0	52.867	45.928	0	0	0	0	Unclassified
sl11212	71.905	116.353	0	100.033	82.213	113.869	1117.672	380.657	24.361	Unclassified
sl11898	71.964	21.139	0	52.658	52.104	82.751	0	0	0	Unclassified
sl11214	72.393	127.453	8.591	88.612	79.262	76.758	0	174.456	12.316	Unclassified
sl11950	72.555	71.83	12.589	69.25	90.648	56.237	0	0	0	Unclassified
sl11035	72.585	0	14.213	50.058	31.983	126.987	0	0	0	Unclassified
slr0072	73.023	66.409	11.639	62.462	31.428	51.993	0	0	0	Unclassified
slr0534	74.098	99.613	7.274	71.124	70.385	48.743	0	1.393	5.214	Unclassified
slr0237	74.628	51.829	594.56	62.667	55.745	55.334	149.36	6.324	0	Unclassified
sl11647	74.788	162.759	0	66.975	48.141	39.821	0	0	0	Unclassified
sl11451	75.616	76.514	0	66.532	62.865	24.96	0	0	0	Unclassified
sl00252	75.922	57.43	115.031	81.146	95.449	0	0	0	0	Unclassified
sl11253	75.999	100.775	32.707	93.853	83.165	36.527	0	26.927	126.599	Unclassified
slr1608	76.139	42.611	0	60.994	57.135	33.361	0	1.43	10.706	Unclassified
slr0938	76.553	84.166	13.41	68.256	61.859	44.929	0	0	0	Unclassified
slr2077	76.744	52.819	8.415	64.852	52.076	37.594	321.03	11.278	36.193	Unclassified
slr1491	77.497	63.801	18.636	76.105	67.096	41.626	0	0	0	Unclassified
slr0891	77.633	59.454	10.42	76.104	77.375	116.369	414.624	6.982	0	Unclassified
slr1942	77.71	69.559	1017.934	54.384	54.864	13.615	0	0	8.738	Unclassified
slr0530	77.951	75.421	11.015	90.89	96.668	73.811	0	90.685	0	Unclassified
slr1438	78.173	84.957	0	69.385	67.009	23.755	223.843	26.471	0	Unclassified
slr1129	78.505	73	13.708	72.953	53.466	71.442	0	0	0	Unclassified
slr1894	78.826	0	235.741	58.645	88.411	43.879	0	0	0	Unclassified
sl0226	78.874	111.735	16.319	100.168	143.212	0	0	0	0	Unclassified
sl11377	79.223	95.324	0	73.387	53.498	57.409	0	0	0	Unclassified
slr1515	79.465	103.737	0	84.069	105.2	58.013	8.541	2.486	0	Unclassified
slr0067	79.613	49.713	34.851	55.672	39.211	19.461	0	0	0	Unclassified
sl11206	79.692	86.752	144.802	92.707	84.717	40.429	4.762	0	0	Unclassified
slr1540	79.692	169.215	0	73.942	142.364	66.241	45.513	1.893	0	Unclassified
sl11704	79.893	109.562	0	93.993	89.116	134.028	0	0	0	Unclassified
sl00617	80.392	26.266	0	67.746	64.741	51.411	7.569	13.22	0	Unclassified
sl11387	80.519	82.816	0	71.808	84.372	0	0	0	104.037	Unclassified
sl110825	80.535	92.845	0	82.117	54.923	66.082	0	0	10.603	Unclassified
sl11971	80.977	43.453	38.078	69.479	59.978	51.03	0	0	43.67	Unclassified
slr0091	81.005	64.978	18.98	69.393	51.251	63.591	0	1.817	0	Unclassified
slr1875	81.871	49.573	0	75.282	104.267	0	0	0	0	Unclassified
slr0449	82.85	103.086	51.62	76.616	58.078	86.473	8.488	88.947	18.5	Unclassified
slr2005	83.092	80.603	94.176	73.443	74.171	78.882	0	0	0	Unclassified
sl11063	83.35	74.798	0	71.024	73.336	89.468	4.79	33.813	10.441	Unclassified
sl11037	83.694	71.538	37.613	86.631	84.637	0	103.078	102.018	0	Unclassified
sl11568	84.518	86.691	15.193	80.01	75.215	33.936	0	0	0	Unclassified
sl0212	85.227	44.143	20.631	80.66	88.204	51.841	86.503	367.339	18.485	Unclassified
sl11021	86.649	63.393	4.831	78.339	68.479	32.368	3.177	0.925	3.462	Unclassified
sl11040	86.72	63.159	5.031	83.032	86.046	89.906	0	0	115.408	Unclassified
slr0541	86.872	26.201	0	96.65	72.33	85.472	0	0	0	Unclassified
sl11037	86.894	71.538	37.613	86.631	84.637	0	103.078	102.018	0	Unclassified
slr1568	87.415	43.441	0	56.098	68.425	0	0	0	0	Unclassified
slr1349	87.446	66.159	5.798	96.063	90.015	116.544	0	1.11	0	Unclassified
slr1116	89.229	60.684	17.726	101.669	71.796	79.184	58.292	0	25.411	Unclassified
sl11547	89.343	69.013	0	91.62	77.114	180.106	0	0	0	Unclassified
slr1199	89.474	83.142	0	101.009	71.042	54.244	0	0	0	Unclassified
sl11276	89.585	59.209	5.765	64.585	64.862	64.384	3.792	0	0	Unclassified
slr1301	90.257	59.099	34.525	73.729	75.1	38.558	0	1.102	49.495	Unclassified
ssl2296	90.469	145.141	0	95.987	135.943	71.021	0	0	0	Unclassified
slr0216	91.034	189.229	0	70.081	78.358	111.114	0	0	0	Unclassified
slr0453	91.086	102.764	7.504	98.859	81.054	83.808	0	0	0	Unclassified
sl11031	91.329	103.52	0	80.024	48.99	121.571	11.933	0	0	Unclassified
slr0492	91.496	77.744	0	87.872	76.65	55.334	0	28.458	0	Unclassified
slr1225	91.638	49.673	6.218	79.988	82.556	27.778	0	0	0	Unclassified
sl11454	92.051	103.375	51.764	83.196	65.035	48.175	5.674	161.047	24.736	Unclassified
sl110428	92.153	60.165	0	75.01	106.773	19.627	566.383	550.13	12.597	Unclassified
sl11143	93.732	75.358	3.884	76.677	68.179	60.735	10.22	2.231	0	Unclassified
sl110450	93.755	127.822	144.013	101.104	83.715	134.028	0	6.127	0	Unclassified
slr0633	94.012	64.286	4.694	82.983	81.339	52.428	3.088	0	0	Unclassified
slr1120	94.533	87.626	0	117.833	97.912	85.756	0	0	0	Unclassified
slr1133	94.851	60.947	80.111	89.233	73.609	44.734	4.391	0	0	Unclassified
slr0408	95.337	113.538	7.653	76.883	68.886	68.378	70.472	0	0	Unclassified
slr1318	95.568	78.506	11.466	92.3	77.401	25.61	0	0	0	Unclassified
sl11305	95.593	59.454	343.855	104.326	93.787	93.095	0	0	0	Unclassified
slr0676	95.757	39.547	17.327	94.735	74.081	193.513	0	0	0	Unclassified
slr1448										

sll0834	99.265	43.606	0	82.396	89.671	97.544	14.362	8.361	0	Unclassified
sll0148	99.571	18.822	0	60.854	70.516	73.68	0	0	0	Unclassified
sll0384	99.884	85.845	90.272	95.883	72.788	33.605	0	0	0	Unclassified
ssl3127	99.924	138.934	0	132.719	109.583	0	0	0	0	Unclassified
sll1938	100.521	79.992	8.762	94.489	94.64	117.427	0	0	0	Unclassified
sll1869	100.879	78.652	0	95.361	81.422	57.729	90.663	31.34	12.351	Unclassified
sll0593	101.127	89.003	35.451	102.739	90.941	31.674	18.654	1.357	0	Unclassified
sll0404	101.324	85.671	0	88.239	64.757	83.842	0	86.24	8.969	Unclassified
sll1687	101.325	65.246	3.176	94.396	78.623	78.043	12.535	7.298	9.107	Unclassified
sll1586	101.466	98.682	115.3	100.552	84.321	64.384	0	38.631	82.646	Unclassified
sll1771	102.138	82.816	0	86.21	95.259	108.063	0	0	0	Unclassified
sll0298	102.376	100.085	14.617	111.542	85.52	65.299	0	0	0	Unclassified
sll0992	102.556	76.238	11.135	96.357	87.693	74.611	80.557	0	15.962	Unclassified
ssl2982	103.009	91.42	40.056	82.628	81.12	89.468	0	0	0	Unclassified
sll1188	104.219	94.277	13.769	119.617	105.343	184.528	0	0	0	Unclassified
sll1967	104.263	37.927	172.826	101.112	88.249	133.624	0	89.085	19.058	Unclassified
sll0254	104.989	129.757	0	107.108	94.882	21.165	6.232	5.442	6.792	Unclassified
sll0825	105.717	60.684	14.503	109.939	98.991	86.383	181.236	0	6.93	Unclassified
sll1482	105.768	91.658	16.064	119.482	117.478	107.641	5.283	256.809	34.544	Unclassified
sll1170	106.114	113.323	5.841	102.375	116.986	52.19	65.314	1.118	0	Unclassified
sll0302	106.216	73.231	8.022	120.47	101.081	53.751	311.277	10.75	11.5	Unclassified
sll1393	106.795	64.978	3.163	85.839	77.589	70.657	6.242	23.015	0	Unclassified
sll0738	107.11	64.938	11.381	109.751	107.561	50.842	0	0	0	Unclassified
sll1687	107.458	30.083	13.181	105.442	68.216	147.202	0	0	75.582	Unclassified
sll0098	107.538	110.303	17.574	108.316	124.569	19.627	0	0	0	Unclassified
sll0656	107.988	87.992	73.826	105.296	102.258	58.63	4.316	0.314	2.352	Unclassified
sll0045	108.449	117.159	0	119.666	125.137	114.658	157.559	5.733	6.133	Unclassified
sll0088	108.538	116.835	0	131.14	74.874	0	0	0	0	Unclassified
sll1747	109.155	104.841	6.562	100.261	94.506	87.945	0	17.59	0	Unclassified
sll0905	109.694	119.669	6.169	115.557	90.223	110.225	827.658	17.715	8.843	Unclassified
sll0487	109.762	107.307	0	90.521	55.014	42.006	0	0	0	Unclassified
sll0093	110.986	95.126	37.048	105.317	104.208	165.503	0	1.773	0	Unclassified
sll0143	111.374	97.44	49.162	127.406	116.447	80.912	1.702	0.495	0	Unclassified
sll1366	111.425	77.839	2.966	89.526	84.084	52.993	0	0	4.252	Unclassified
sll1035	111.548	119.989	0	92.872	98.583	78.285	0	0	0	Unclassified
sll1102	111.716	111.277	32.504	127.801	111.337	129.069	375.31	6.223	10.355	Unclassified
sll1302	112.095	77.261	135.407	126.036	135.42	84.013	0	0	0	Unclassified
sll1575	112.272	95.324	6.426	117.893	109.888	86.113	0	0	0	Unclassified
sll1959	112.507	91.932	0	81.643	51.793	0	0	19.83	0	Unclassified
sll1901	112.851	75.344	0	83.563	48.815	42.135	0	0	27.043	Unclassified
sll0639	113.075	130.358	31.154	106.239	86.461	92.782	0	0	0	Unclassified
sll1143	113.651	61.389	35.864	133.075	145.261	100.131	0	6.866	0	Unclassified
sll1416	114.292	89.388	0	144.013	110.163	43.74	0	0	0	Unclassified
sll1229	114.31	105.802	117.437	89.769	98.749	110.446	0	10.65	0	Unclassified
sll1281	115.007	97.768	17.135	89.372	53.98	38.272	0	0	0	Unclassified
sll1694	115.114	209.781	20.426	112.702	91.924	45.623	0	0	702.766	Unclassified
sll1734	115.225	51.76	12.959	88.891	90.398	57.891	0	0	0	Unclassified
sll0261	115.472	105.157	16.262	107.362	124.412	36.322	24.956	1.038	0	Unclassified
sll1525	115.547	126.835	9.262	133.121	133.386	103.439	0	23.053	0	Unclassified
sll1471	115.657	126.708	148.045	106.142	119.373	27.556	227.2	37.792	0	Unclassified
sll1450	116.408	55.118	0	87.252	65.211	30.823	0	1.321	0	Unclassified
sll0315	116.639	100.562	125.889	117.598	79.317	28.119	0	0	0	Unclassified
sll1768	116.646	94.172	10.315	109.68	106.773	138.242	0	286.366	14.788	Unclassified
sll1374	117.048	154.994	22.637	126.421	104.422	139.045	0	0	8.113	Unclassified
sll0359	117.296	107.428	32.205	112.676	100.341	66.4	66.804	46.956	0	Unclassified
sll1317	117.489	140.787	61.686	114.093	91.215	39.366	5.796	13.497	0	Unclassified
sll0014	118.491	89.864	13.125	115.559	91.552	58.63	0	110.563	0	Unclassified
sll0883	118.575	124.138	6.399	116.438	115.191	100.048	0	0	27.52	Unclassified
sll0290	118.911	125.53	4.231	120.766	99.963	113.4	214.266	2.43	6.065	Unclassified
sll0267	119.596	109.223	5.86	118.685	101.093	69.807	2.569	0.374	2.8	Unclassified
sll0679	120.057	149.605	0	113.752	80.737	46.235	4.538	561.444	59.35	Unclassified
sll0050	120.248	53.817	0	109.305	114.61	63.202	0	1.806	0	Unclassified
sll0095	120.397	191.113	167.472	106.027	128.756	124.689	0	1378.74	100.036	Unclassified
sll1729	120.485	122.246	4.463	123.29	111.486	79.757	32.293	141.004	0	Unclassified
sll1383	121.296	122.211	10.709	132.728	130.13	71.761	0	0	0	Unclassified
sll0847	121.296	197.981	19.277	140.308	268.935	86.113	0	243.584	55.27	Unclassified
sll0047	121.702	169.215	0	118.871	120.12	66.241	0	5.678	4081.449	Unclassified
sll1538	122.213	97.95	0	127.924	113.31	102.249	3.764	41.631	0	Unclassified
sll0678	122.507	91.251	11.423	120.312	92.537	76.545	0	2.187	0	Unclassified
sll1617	123.429	102.514	157.208	117.765	119.602	133.768	275.729	54.464	0	Unclassified
sll1531	124.037	138.455	287.355	124.229	96.273	114.104	0	0	0	Unclassified
sll1730	124.287	92.138	0	130.264	130.811	0	0	0	0	Unclassified
sll1142	125.081	20.704	0	80.024	118.393	81.048	0	0	0	Unclassified
sll0687	125.344	73.022	262.356	123.95	116.631	28.585	698.638	24.502	9.173	Unclassified
sll1020	125.544	119.155	32.128	135.512	137.359	161.462	5.283	6.151	57.573	Unclassified
sll1831	125.563	114.523	6.69	141.827	105.384	74.718	0	0	0	Unclassified
sll0576	125.986	56.225	344.887	145.924	146.344	66.029	6.481	90.557	0	Unclassified
sll0902	126.085	111.254	194.983	137.937	133.62	59.388	17.488	22.059	0	Unclassified
sll0380	126.8	76.933	8.427	110.66	98.605	112.935	221.702	41.949	0	Unclassified
sll0947	127.449	91.658	32.128	108.841	108.442	71.761	10.565	0	3408.294	Unclassified
sll0364	127.526	92.928	50.896	115.368	103.989	75.029	1.339	25.335	20.43	Unclassified
sll1300	127.631	99.613	14.548	125.9	199.696	129.982	0	75.206	0	Unclassified
sll1664	128.142	67.47	0	115.021	106.432	88.039	0	754.641	56.506	Unclassified
sll0084	128.236	183.49	14.617	161.553	121.701	130.598	0	5.597	0	Unclassified
sll0862	128.333	107.635	0	111.52	99.753	42.135	0	1.806	13.522	Unclassified
sll0084	128.48	86.905	0	141.13	115.671	42.525	0	0	0	Unclassified
sll1861	128.523	122.211	0	127.16	173.507	95.681	0	4.101	0	Unclassified
sll0115	128.546	72.72	420.583	114.567	97.508	113.869	50.295	0	0	Unclassified
sll1107	128.579	108.716	0	161.37	176.856	79.796	0	0	0	Unclassified
sll1592	129.652	132.59	0	124.356	118.84	23.593	159.785	4.045	0	Unclassified
sll0535	129.731	131.844	35.163	115.078	101.73	56.1	6.608	0.962	0	Unclassified
sll1358	130.023	142.569	15.617	99.655	91.366	69.762	0	0	0	Unclassified
sll0193	130.641	92.623	0	119.107	82.187	45.323	0	0	0	Unclassified
sll1857	131.337	164.052	34.851	142.174	117.632	136.224	25.787	0.834	0	Unclassified
sll1473	131.53	138.742	19.197	147.667	133.91	100.048	0	0	0	Unclassified
sll0816	131.56	179.768	0	136.407	345.148	74.076	0	1.587	0	Unclassified
sll1350	131.684									

slr0309	137.666	126.233	39.041	142.411	203.523	116.271	85.594	2.492	0	Unclassified
slr1452	138.004	139.59	0	149.318	135.66	117.094	0	5.018	0	Unclassified
sl11909	138.858	105.239	112.714	102.25	92.229	45.774	6.739	1.962	14.69	Unclassified
sl11041	139.017	121.368	0	159.935	162.205	26.395	0	0	0	Unclassified
sl11910	142.216	103.52	11.832	128.72	124.25	96.905	67.446	4.531	0	Unclassified
sl11018	142.665	107.545	0	121.844	123.383	95.681	0	0	0	Unclassified
slr0075	143.369	136.952	12.001	169.67	162.03	80.417	528.85	25.275	34.409	Unclassified
slr0583	143.618	226.345	19.835	135.054	82.569	132.908	0	0	0	Unclassified
slr1312	143.957	127.988	14.019	156.433	161.94	93.942	9.221	0.895	529.249	Unclassified
slr0448	144.08	104.338	12.191	99.568	101.498	54.459	0	1.167	69.906	Unclassified
slr0875	144.101	168.751	21.125	128.253	104.579	141.556	97.26	8.089	0	Unclassified
sl11914	144.273	179.434	0	137.937	122.475	54.032	0	6.947	17.339	Unclassified
sl110546	146.158	219.979	0	121.464	148.72	123.019	0	0	0	Unclassified
slr1259	146.307	120.847	0	123.655	116.168	29.567	17.413	5.069	18.977	Unclassified
sl110018	146.957	120.588	13.209	136.349	147.128	88.51	4.344	2.529	9.468	Unclassified
sl110626	147.521	129.294	12.589	172.808	152.969	126.533	0	0	0	Unclassified
sl110116	147.75	141.352	0	170.551	111.49	166.001	0	2.372	35.515	Unclassified
slr1231	147.943	139.196	23.234	174.077	184.943	149.198	764.058	30.026	4.163	Unclassified
sl111356	148.178	111.801	97.971	110.451	115.943	81.048	0	0	0	Unclassified
slr1596	148.223	119.716	160.858	100.403	103.868	62.486	285.196	8.034	10.026	Unclassified
sl11979	148.272	115.874	6.346	151.773	164.224	113.4	4.174	0	0	Unclassified
sl110818	148.87	150.843	859.192	123.035	106.583	24.604	0	2.109	0	Unclassified
sl11537	149.473	100.562	0	140.769	123.933	98.415	0	0	0	Unclassified
slr1090	149.856	143.076	0	128.405	135.42	112.017	27.487	1.6	0	Unclassified
sl110912	150.038	93.931	72.628	170.77	147.086	129.778	162.413	1.854	0	Unclassified
slr0427	150.144	67.524	29.585	110.523	103.189	82.602	0	1.416	0	Unclassified
slr0585	150.523	193.099	7.691	156.211	148.844	85.898	0	0	0	Unclassified
slr0495	150.768	0	136.959	182.639	167.345	0	2.391	0	0	Unclassified
sl110270	152.06	139.602	33.364	154.744	125.959	82.801	165.797	11.356	63.773	Unclassified
slr2002	152.605	116.785	10.587	138.726	112.759	110.351	4.642	110.804	237.773	Unclassified
slr1841	152.624	172.915	58.655	169.115	166.082	163.765	0	15.909	0	Unclassified
sl110005	153.134	156.43	0	161.884	197.926	76.545	668.678	288.692	180.138	Unclassified
slr1198	154.431	99.613	0	144.199	124.401	162.477	0	0	0	Unclassified
slr0379	155.468	103.956	13.014	115.893	93.708	29.068	0	0	167.908	Unclassified
slr0877	156.556	109.081	12.745	151.973	139.092	56.934	0	0	0	Unclassified
sl110541	156.945	353.07	48.343	179.988	154.47	410.319	82.669	3.702	0	Unclassified
sl110135	157.062	139.925	9.432	117.056	114.61	105.337	0	0	0	Unclassified
slr1277	157.237	165.684	7.848	144.649	132.448	122.706	80.007	9.767	0	Unclassified
sl110422	157.85	159.985	18.693	160.195	132.496	20.876	6.147	0	0	Unclassified
sl11129	158.532	94.806	10.385	120.172	229.005	162.368	0	0	0	Unclassified
slr1896	158.883	241.809	0	148.466	95.362	157.764	0	0	0	Unclassified
ssl0546	160.15	215.49	0	209.544	155.802	140.593	0	0	0	Unclassified
slr0992	160.358	91.42	0	88.002	94.64	44.734	0	0	28.711	Unclassified
sl110777	160.671	149.528	131.031	219.245	242.682	112.566	391.13	21.227	43.349	Unclassified
sl11307	161.089	279.973	70.097	171.931	161.677	78.285	0	0	0	Unclassified
sl11406	161.567	131.616	96.732	201.726	160.74	91.411	19.576	424.538	42.669	Unclassified
sl11457	162.059	110.334	9.669	149.504	121.835	215.958	845.769	33.32	0	Unclassified
sl11407	162.627	145.55	289.876	161.596	159.156	362.581	1700.647	79.918	398.939	Unclassified
slr1888	163.678	156.182	9.776	129.767	141.885	65.506	3.215	0	0	Unclassified
sl110264	164.509	132.985	62.152	127.426	127.617	69.411	40.878	0	0	Unclassified
sl110709	164.993	68.417	13.323	84.013	88.44	59.517	127.06	153.047	0	Unclassified
slr1975	166.033	116.724	645.181	172.069	166.425	105.445	5.175	250.061	45.118	Unclassified
sl11597	166.314	141.257	20.631	135.111	99.81	207.363	0	1.975	0	Unclassified
slr0809	166.537	139.075	112.496	171.058	141.337	167.515	369.953	12.564	0	Unclassified
slr1689	167.978	122.211	10.709	178.887	146.999	143.522	0	55.36	15.353	Unclassified
ssl3441	169.5	185.245	0	129.316	127.847	90.645	0	0	174.536	Unclassified
sl111271	170.429	104.423	5.383	138.93	93.264	84.159	74.346	4.122	0	Unclassified
slr0088	170.625	194.457	17.04	219.098	190.442	101.496	0	2.175	8.143	Unclassified
sl11837	170.686	72.322	0	130.024	147.562	94.37	0	0	0	Unclassified
slr1227	170.848	138.827	53.671	146.598	117.55	127.871	0	169.891	51.294	Unclassified
slr0171	170.997	99.99	0	118.735	102.527	117.427	0	0	0	Unclassified
slr0851	171.156	118.374	6.915	141.03	118.265	108.124	0	0	0	Unclassified
ssl1480	172.108	83.802	440.611	88.674	123.933	0	0	0	1000.117	Unclassified
slr1609	172.714	116.144	314.18	174.994	119.488	79.071	40.746	3.389	0	Unclassified
sl111864	172.885	109.501	27.416	119.89	120.298	107.163	29.302	4.593	4.913	Unclassified
sl11277	173.435	118.846	0	180.437	173.056	17.894	0	13.804	34.454	Unclassified
slr1908	173.701	243.761	57.309	159.46	207.505	407.292	0	2.992	0	Unclassified
slr2132	174.079	161.36	0	176.077	169.032	138.176	0	1.692	0	Unclassified
sl110152	174.189	150.365	9.76	172.121	143.857	141.705	0	4.672	1112.389	Unclassified
sl111666	174.546	120.674	0	143.356	111.044	78.732	115.919	3.374	0	Unclassified
sl110679	175.771	208.882	18.304	187.258	166.814	102.211	0	201.508	0	Unclassified
slr1943	175.876	159.021	0	178.861	152.602	83.001	0	0	0	Unclassified
slr0823	176.519	141.596	124.08	158.449	135.614	79.184	0	0	0	Unclassified
sl110621	177.571	84.811	0	138.768	136.576	110.667	40.734	0	0	Unclassified
sl111641	178.015	157.934	39.542	179.605	174.99	161.922	0	1.262	18.896	Unclassified
slr0798	178.499	146.246	34.175	187.203	155.723	76.333	53.384	1.636	140.853	Unclassified
sl111558	179.027	126.672	134.788	130.978	98.127	70.839	5.215	0	0	Unclassified
slr0388	179.26	93.858	13.708	180.467	132.636	91.854	180.318	7.873	0	Unclassified
sl111545	179.928	232.919	34.018	231.247	201.574	101.309	0	32.565	0	Unclassified
sl110644	180.451	159.021	0	188.52	167.235	207.501	91.652	3.557	13.318	Unclassified
sl110703	181.557	158.385	0	186.085	189.122	103.336	0	98.91	11.054	Unclassified
slr0344	183.595	222.764	97.604	122.877	120.064	174.406	119.831	88.451	93.282	Unclassified
slr0525	186.293	91.42	26.704	146.446	105.156	89.468	0	222.399	38.282	Unclassified
slr1332	186.816	208.573	30.462	249.436	181.646	153.09	0	0	0	Unclassified
sl110855	187.179	171.311	6.824	189.854	199.609	91.448	0	10.451	0	Unclassified
slr0841	187.832	84.376	63.376	139.413	128.347	47.185	0	0	0	Unclassified
slr0776	188.489	224.442	8.94	192.362	134.782	99.841	17.64	1.712	0	Unclassified
sl110687	189.141	227.075	198.986	238.608	152.984	0	0	0	23.772	Unclassified
slr0753	193.136	101.679	229.527	36.572	228.27	208.482	163.377	1270.866	50.181	17.477
sl110776	193.329	222.587	145.237	153.227	107.362	0	0	0	0	Unclassified
sl11875	193.413	294.474	86.016	182.588	129.957	164.678	0	0	0	Unclassified
slr2097	193.511	112.629	0	144.834	144.358	55.112	81.143	9.448	0	Unclassified
sl11491	193.582	121.02	0	202.903	242.611	118.436	0	0	0	Unclassified
slr0604	194.186	180								

slr2045	205.265	149.773	0	153.161	157.51	184.97	97.717	0	175.703	2.094	0	4.674	1.592	10.847	0	13.074	69.635	0	10.545	16.556	1.605
slr0086	206.309	124.119	7.769	146.58	136.35	2	69.411	0	0	5.226											
slr1830	209.428	157.874	0	149.174	8	237.85	0	0	10.79												
slr1731	210.002	189.739	66.507	212.064	126.35	1	74.275	246.21	0	1.514	0	18.031	3.531	0	0	0	0				
slr1951	210.288	159.617	49.575	152.596	3	243.08	134.459	2	322.297	18.875	188.871	0	25.479	14.845	0	11.142	0	3071.26	0	173.881	
slr1078	210.684	66.409	58.194	201.049	173.97	5	259.964	263.17	186.842	31.954	2.613	0	18.766	0	56.431	54.003	0	0	0	0	
slr0369	211.469	133.124	25.607	182.092	4	174.02	139.815	9	22.54	3.714	154.887	430.302	0	61.574	2.874	4.342	49.209	0	1.301	9.061	
slr0202	212.719	143.886	14.548	192.428	147.80	5	119.15	3.743	0	4.225	103.786	0	55.785	0	2.334	1.304					
slr1635	212.773	162.947	14.279	226.781	9	270.58	318.937	883.51		766.623	34.436	0	1.426	0	0	0					
slr2081	212.959	138.273	55.076	177.163	157.13	3	172.226	4	0	40.302	962.228	1.304	1.587	15.093	42.347	2.298	0	0	0	0	
slr1204	213.184	148.023	230.6	237.119	8	249.31	128.767	0	6.579	66.124	10.167	12.754	82.015	65.512	9.448	0	31.079	0	1.433		
slr1166	213.854	86.079	259.817	163.753	202.31	1	393.125	127.97	118.359	302.228	899.03	3.141	1.108	114.514	15.54	42.648	39.367				
slr1481	214.434	218.032	13.647	266.413	8	212.14	106.689	1	22.05												
slr1484	214.512	214.532	11.75	242.276	162.59	8	157.464	0													
slr1690	215.137	201.508	11.772	268.108	4	263.20	131.47	0													
slr1734	215.638	105.916	21.419	170.026	292.39	9	143.522	7.743													
slr1298	217.953	142.497	12.487	183.66	1	189.28	195.236	23.47													
slr1762	220.019	128.656	24.159	147.751	175.98	201.49	197.858	9	0												
slr1882	220.717	115.189	33.647	248.098	5	2	150.306	21.18													
slr0784	221.384	154.824	27.134	204.933	207.55	211.08	282.835	6	0												
slr0813	221.407	216.595	118.626	184.49	9	6	264.963	0													
slr2079	223.127	193.152	28.21	182.146	158.41	142.88	189.029	5.201													
slr1786	223.51	94.037	0	193.085	9	8	52.588	6.185													
slr1033	224.004	94.699	41.493	167.705	242.60	202.99	61.785	309.70													
slr0820	225.013	132.263	19.317	274.182	2	6	201.35	6	0												
slr0869	226.426	282.988	15.499	230.299	306.69	263.51	138.473	0													
slr1159	226.811	208.93	70.417	214.7	4	6	314.568	20.38													
slr1849	226.964	237.357	29.714	211.988	270.19	430.21	212.379	8	0												
slr1106	230.181	111.933	10.899	232.677	4	5	121.715	3.909													
slr1685	232.009	223.329	78.281	193.12	125.31	263.82	192.334	0													
slr1030	233.97	157.303	0	217.597	143.30	230.27	57.729	5.149													
slr0368	234.127	98.315	310.151	179.453	1	6	115.459	0													
slr1849	236.688	199.226	0	214.469	130.47	207.87	64.991	0													
slr0798	236.758	170.182	40.672	300.24	237.23	3	166.548	287.06													
slr1418	236.919	74.49	669.076	163.937	1	227.55	145.8	2.0													
slr0755	238.407	106.656	453.963	173.541	187.24	281.63	119.291	10.733													
slr1925	240.101	174.444	26.976	222.438	5	4	180.762	0													
slr0896	244.495	198.076	86.787	242.621	160.16	245.77	74.557	0													
slr0971	244.552	132.377	88.707	210.682	154.46	9	182.895	1290.91													
slr1184	246.254	73.022	332.744	175.569	3	218.29	28.585	1													
slr0782	246.346	216.251	45.741	169.973	143.04	9	175.145	50.504													
slr1874	249.301	235.298	17.183	272.896	4	282.10	95.948	77.361													
slr1798	251.508	216.225	57.896	229.237	204.37	4	141.073	0													
slr0898	252.972	104.96	24.527	171.221	231.82	208.36	109.567	20.77													
slr1061	254.775	102.316	53.796	183.147	5	1	160.21	1818.86													
slr1705	255.183	194.86	10.672	287.627	292.95	373.13	190.7	1													
slr1424	259.331	276.703	135.786	251.637	6	339.23	405.238	6													
slr1678	259.441	134.632	0	228.387	541.91	303.77	112.935	0													
slr0796	259.446	244.64	48.408	265.126	1	5	169.909	99.76													
slr0880	259.755	119.109	167	185.812	199.24	323.51	209.819	6	0												
slr0502	261.265	180.496	5.272	228.745	8	240.34	211.971	0													
slr1595	273.054	316.855	112.565	235.6	191.28	4	134.093	34.67													
slr0574	273.201	219.979	22.679	265.097	6	339.23	405.238	6													
ssl3093	273.9	41.901	36.718	259.863	197.28	3	328.05	83.90													
slr0051	278.07	133.321	11.683	205.534	7	330.31	234.854	7													
slr1299	281.39	232.577	394.027	176.826	201.61	2	121.393	52.20													
slr1540	283.137	216.041	15.776	256.779	7	230.05	211.428	6	0												
slr0274	283.551	357.326	0	322.436	248.14	3	174.849	7.684													
slr1410	283.785	168.103	92.068	186.215	4	319.90	102.822	4.468													
slr0019	285.681	204.942	31.233	267.143	137.49	3	122.084	0													
slr0486	286.182	205.029	59.889	314.877	6	308.67	401.304	20.59													
slr0493	286.671	169.067	13.468	231.978	277.61	8	210.582	5													
slr1728	287.707	258.151	137.937	282.598	1	271.31	209.506	6.055													
slr0857	287.744	234.644	37.385	350.846	5	241.74	418.185	0													
slr1639	290.702	227.075	0	278.655	2	296.88	133.336	0													
slr1610	296.172	182.262	42.664	221.161	176.57	7	285.721	24.054													
slr0517	296.708	103.52	60.476	85.196	6	295.33	270.159	72.579													
slr1150	299.054	306.058	926.502	289.504	218.52	427.52	272.294	1													

0	83.11	U	n	c	l	a	s	s	i	fied	
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25.266	s	s	i	f	i	e	d	U	U	Unclassified	
354.401	s	i	f	i	e	d	U	n	c	Unclassified	
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0	i	e	d	U	n	c	l	a	s	Unclassified	
0	d	U	n	c	l	a	s	s	i	Unclassified	
0		U	n	c	l	a	s	s	f	Unclassified	
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166.15	l	a	s	s	i	f	i	e	d	Unclassified	
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0	i	e	d	U	n	c	l	a	s	Unclassified	
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7.54		U	n	c	l	a	s	s	f	Unclassified	
5 0		U	n	c	l	a	s	s	i	Unclassified	
488.42	9 0	n	c	l	a	s	s	i	f	Unclassified	
0	c	l	a	s	s	i	f	i	e	Unclassified	
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138.79	a	s	s	i	f	i	e	d	d	Unclassified	
4	s	s	i	f	i	e	d	U	U	Unclassified	
7.482	s	i	f	i	e	d	U	n	c	Unclassified	
0	i	f	i	e	d	U	n	c	l	Unclassified	
21.516	f	i	e	d	U	n	c	l	a	Unclassified	
0	i	e	d	U	n	c	l	a	s	Unclassified	
0	d	U	n	c	l	a	s	s	i	Unclassified	
185.04	4	U	n	c	l	a	s	s	f	Unclassified	
305.32	6	n	c	l	a	s	s	i	f	Unclassified	
314.22	3 0	l	a	s	s	i	f	i	e	Unclassified	
78.357	0	a	s	s	i	f	i	e	d	Unclassified	
0	s	i	f	i	e	d	U	n	c	Unclassified	
23.729	f	i	f	i	e	d	U	n	c	Unclassified	
107.19	i	e	d	U	n	c	l	a	s	Unclassified	
0		U	n	c	l	a	s	s	i	Unclassified	
275.07	5 0	U	n	c	l	a	s	s	f	Unclassified	
0	0	U	n	c	l	a	s	s	i	Unclassified	
77.57	c	l	a	s	s	i	f	i	e	Unclassified	
1 0	l	a	s	s	i	f	i	e	d	Unclassified	
0	a	s	s	i	f	i	e	d	U	Unclassified	
10.68	s	s	i	f	i	e	d	U	n	Unclassified	
36.24	s	i	f	i	e	d	U	n	c	Unclassified	
2 0	i	f	i	e	d	U	n	c	l	Unclassified	
0	i	e	d	U	n	c	l	a	s	Unclassified	
13.12	79.52	e	d	U	n	c	l	a	s	Unclassified	
5 0	0	d	U	n	c	l	a	s	s	Unclassified	
296.65	5	U	n	c	l	a	s	s	i	Unclassified	
281.85	3 0	n	c	l	a	s	s	i	f	Unclassified	
9.914	0	a	s	s	i	f	i	e	d	Unclassified	
0	s	s	i	f	i	e	d	U	n	Unclassified	
0	0	i	f	i	e	d	U	n	c	Unclassified	
19.031	28.649	i	e	d	U	n	c	l	a	s	Unclassified
0	0	e	d	U	n	c	l	a	s	Unclassified	
813.08	5 0	d	U	n	c	l	a	s	s	i	Unclassified
0		U	n	c	l	a	s	s	i	Unclassified	

<i>slr2053</i>	472.805	408.975	141.182	505.424	417.882	339.601	14.286	2.079	0	Unclassified
<i>slr2122</i>	481.886	311.475	272.945	357.506	270.24	152.413	0	10.451	136.951	Unclassified
<i>slr1692</i>	482.967	306.517	175.98	335.988	360.56	248.254	103.561	480.562	451.452	Unclassified
<i>slr1020</i>	488.355	381.794	94.097	331.224	331.721	233.527	6.877	550.472	0	Unclassified
<i>ssr3307</i>	503.395	270.743	39.542	454.926	516.071	88.321	0	0	0	Unclassified
<i>sll0245</i>	510.916	319.09	16.947	395.621	474.76	397.445	27.865	4.867	24.294	Unclassified
<i>sll0721</i>	511.639	447.115	50.17	475.433	425.232	320.173	348.833	180.674	767.182	Unclassified
<i>slr0338</i>	526.623	308.573	84.501	345.362	349.865	226.489	0	8.089	109.025	Unclassified
<i>slr0756</i>	528.031	434.092	133.652	515.021	502.013	665.941	121.714	259.823	14.739	Unclassified
<i>slr1071</i>	529.701	549.539	355.437	371.699	348.303	409.757	2601.703	676.119	6541.951	Unclassified
<i>sll1192</i>	537.797	224.659	43.749	311.091	344.552	48.858	0	0	0	Unclassified
<i>sll0837</i>	557.193	644.278	31.366	467.465	531.695	723.934	151.284	2.002	44.965	Unclassified
<i>sll1995</i>	597.192	329.259	29.848	389.115	429.849	244.45	0	3.81	42.789	Unclassified
<i>sll1599</i>	622.665	391.074	35.451	488.922	422.798	184.764	1632.186	61.087	16.941	Unclassified
<i>sll1270</i>	632.982	271.763	46.467	152.159	169.912	142.711	0	0	0	Unclassified
<i>slr1077</i>	635.211	454.737	55.788	495.744	468.064	178.011	0	0	11.425	Unclassified
<i>slr1076</i>	680.193	552.827	64.592	658.224	566.849	631.195	541.661	20.096	0	Unclassified
<i>sll1485</i>	686.611	663.708	422.987	614.065	586.948	472.392	718.695	35.43	0	Unclassified
<i>slr0599</i>	719.328	393.992	69.051	454.439	470.022	372.728	972.656	27.542	32.997	Unclassified
<i>sll1024</i>	740.493	559.199	115.3	509.045	551.33	321.918	0	2.759	2624.016	Unclassified
<i>slr2046</i>	785.829	520.968	233.752	554.703	564.47	343.401	171.284	463.455	242.894	Unclassified
<i>sll1388</i>	787.183	386.028	39.797	457.527	385.073	355.564	0	3.81	0	Unclassified
<i>slr0977</i>	903.098	546.374	300.634	705.121	633.894	671.495	102.527	4.264	175.586	Unclassified
<i>slr0700</i>	970.338	940.131	408.514	933.471	854.894	608.304	676.192	527.936	0	Unclassified
<i>sll0501</i>	1004.623	562.705	1411.613	611.148	676.622	475.107	356.113	61.087	1635.565	Unclassified
<i>sll0224</i>	1243.634	819.232	305.769	818.256	1073.94	861.131	865.642	2308.576	362.111	Unclassified
<i>slr0757</i>	1547.495	1062.54	87.291	1164.817	6	714.901	0	16.712	0	Unclassified
<i>slr1494</i>	1929.56	1587.86	1602.418	1987.839	1008.30	1593.232	654.166	6485.956	3521.413	Unclassified
<i>slr2107</i>	3905.61	2	458.061	2542.27	3	1773.418	1097.974	450.188	58.371	Unclassified
	2358.05			2025.56						
	9			3						
				2618.06		1				