

Peptide sequence	-10lgP	Mass	Length	ppm	m/z	RT	Area A	Scan	PeptideRanker Score	Solubility	Toxicity	Molecular weight
LLLLLLLLLLLLVVVVVVV	55.44	2809.9771	26	6.4	937.6723	42.83	0	51750	0.9978	Poor	Non-Toxin (0.3400)	2811.83
VVVVVVVV	21.17	466.2216	4	-9	467.2247	12.85	1.26E+07	14348	0.9929	Good	Non-Toxin (0.3050)	466.54
FGFP	20.17	279.1219	3	2.3	280.1298	6.33	2.9513E7	5507	0.9873	Good	Non-Toxin (0.2500)	279.30
GGF	26.04	375.2158	3	1.5	376.2236	22.99	5.7758E7	26323	0.9767	Good	Toxin (0.5900)	375.47
LGPF	26.19	432.2372	4	3.1	433.2458	30.72	4.2224E7	35728	0.9699	Good	Toxin (0.4100)	432.52
APF	26.33	333.1688	3	1.2	334.1765	26.38	1.2141E7	30621	0.9670	Good	Non-Toxin (0.3650)	333.39
APPPPPP	29.91	671.3642	7	3.4	672.3738	16.47	7.3914E7	17567	0.9623	Good	Toxin (0.6450)	671.79
IGPF	26.19	432.2372	4	3.1	433.2458	30.72	4.2224E7	35728	0.9570	Good	Toxin (0.4000)	432.52
SFPF	23.06	446.2165	4	-0.6	447.2235	22.24	1.3028E5	25368	0.9527	Good	Non-Toxin (0.3650)	446.50
FPA	22.94	333.1688	3	1.2	334.1765	16.02	3.0534E6	17596	0.9515	Good	Non-Toxin (0.2900)	333.39
VPPPPPPPG	22.7	853.4697	9	1.8	427.7429	21	1.3933E6	23590	0.9570	Poor	Toxin (0.5750)	854.02
PAPPPPP	26.82	671.3642	7	-0.2	336.6893	16.3	6.4355E7	18056	0.9499	Good	Toxin (0.6100)	671.79
IPPPPPPP	24.96	810.4639	8	3.7	406.2407	26.11	8.5237E6	29953	0.9496	Moderate	Toxin (0.6850)	810.99
LGFP	25.27	432.2372	4	3.1	433.2458	30.72	4.7834E7	36034	0.9460	Good	Non-Toxin (0.3150)	432.52
LFL	24.91	391.2471	3	3.4	392.2557	33.95	7.975E7	41911	0.9446	Good	Non-Toxin (0.3450)	391.51
LPPPPPP	24.96	810.4639	8	3.7	406.2407	26.11	8.5237E6	29953	0.9425	Moderate	Toxin (0.6050)	810.99
LLF	23.7	391.2471	3	3.2	392.2556	35.8	7.7802E7	42297	0.9389	Good	Toxin (0.5600)	391.51
APPPP	30	477.2587	5	2.7	478.2673	10.77	5.5403E6	9760	0.9304	Good	Toxin (0.6300)	477.56
LPPPPP	26.89	616.3584	6	3.9	617.3681	21.4	8.3399E6	23871	0.9259	Good	Toxin (0.6100)	616.76
MPLP	20.43	456.2406	4	-0.2	457.2478	27.69	3.6055E6	31986	0.9257	Good	Toxin (0.6150)	456.61
LPPPP	25.52	519.3057	5	3.6	520.3148	20.26	3.4405E7	22242	0.9253	Good	Toxin (0.6250)	519.64
PPGP	21.17	366.1903	4	-2.7	367.1966	21.15	5.2978E6	24273	0.9250	Good	Toxin (0.7650)	366.42
IPPPPP	26.89	616.3584	6	3.9	617.3681	21.4	8.3399E6	23871	0.9239	Good	Toxin (0.6650)	616.76
MPL	21.3	359.1879	3	0.8	360.1954	21.63	2.2332E7	24834	0.9224	Good	Toxin (0.4250)	359.49
VPPPPPP	23.75	699.3955	7	-2.7	350.7041	19.64	3.9476E6	21648	0.9154	Good	Toxin (0.4250)	699.85
IPPPP	25.52	519.3057	5	3.6	520.3148	20.26	3.4405E7	22242	0.9083	Good	Toxin (0.6700)	519.64
KFP	22	390.2267	3	8.6	391.2373	6.69	9.6397E5	5407	0.8980	Good	Toxin (0.5550)	390.48
LPPP	26.07	422.2529	4	-0.4	423.26	25.94	1.2023E8	30426	0.8966	Good	Toxin (0.6300)	422.52
ARFL	21.29	505.3012	4	-1.5	506.3077	25.38	3.1338E7	30608	0.8949	Good	Non-Toxin (0.1050)	505.62
DLF	22.83	393.19	3	2.1	394.1981	31.15	3.0788E7	37099	0.8931	Good	Non-Toxin (0.1900)	393.44
PAPP	27.87	477.2587	5	2.7	478.2673	10.77	5.5403E6	9828	0.8918	Good	Toxin (0.5850)	477.56
KFPL	26.29	503.3107	4	0.7	504.3184	23.33	3.3061E7	26878	0.8895	Good	Toxin (0.6850)	503.64
LFAM	22.15	480.2406	4	3.2	481.2494	32.77	5.8636E5	38744	0.8842	Good	Non-Toxin (0.1850)	480.63
LLF	22.06	504.3311	4	2	505.3394	43.44	6.2814E5	52505	0.8841	Good	Toxin (0.5650)	504.67
NLF	25.27	392.206	3	2.1	393.2141	27.4	1.1935E7	31536	0.8827	Good	Non-Toxin (0.2800)	392.46
RAFP	21.58	489.2699	4	0.7	490.2775	18.24	7.8353E7	18859	0.8825	Good	Non-Toxin (0.3300)	489.57
TPF	23.92	363.1794	3	0.6	364.1869	18.66	5.2477E7	20716	0.8818	Good	Non-Toxin (0.2950)	363.41
PLPP	23.35	422.2529	4	1.5	423.2608	15.86	6.652E7	19622	0.8767	Good	Toxin (0.7700)	422.52
LAF	26.22	349.2001	3	1.2	350.2078	25.49	1.1191E8	29620	0.8701	Good	Non-Toxin (0.2750)	349.43
IPPP	26.07	422.2529	4	-0.4	423.26	25.94	1.2023E8	30426	0.8666	Good	Toxin (0.6900)	422.52
YPVW	21.97	563.2744	4	2.5	564.283	32.93	6.901E5	39086	0.8619	Good	Toxin (0.3850)	563.65
PLP	21.79	325.2001	3	1.1	326.2078	14.1	4.9925E8	17169	0.8600	Good	Toxin (0.8000)	325.41
LPPL	22.63	438.2842	4	2.5	439.2925	27.67	9.7343E7	31326	0.8576	Good	Toxin (0.7800)	438.57
AEPppppp	21.33	800.4068	8	0.5	401.2109	18.02	1.1559E7	19872	0.8566	Good	Non-Toxin (0.3300)	800.91
FTP	25.63	363.1794	3	0.6	364.1869	18.66	5.2477E7	21878	0.8452	Good	Non-Toxin (0.2200)	363.41
PAEppppp	20.17	800.4068	8	0.5	401.2109	18.02	1.1559E7	20110	0.8443	Good	Non-Toxin (0.3400)	800.91
MGLL	23.07	432.2406	4	-4.9	433.2458	26.4	4.0676E7	30777	0.8426	Good	Non-Toxin (0.3350)	432.58
SPPL	20.3	412.2322	4	2.5	413.2405	16.42	1.1461E8	17648	0.8412	Good	Toxin (0.5550)	412.49
LDf	25.47	393.19	3	2.1	394.1981	29.24	3.0788E7	33548	0.8395	Good	Non-Toxin (0.2000)	393.44
LGDF	24.5	450.2114	4	0.1	451.2188	27.37	2.4153E7	32997	0.8378	Good	Non-Toxin (0.1250)	450.49
GGGL	22.34	302.159	4	1.5	303.1667	1.51	4.3878E7	1011	0.8328	Good	Non-Toxin (0.2600)	302.33
IGDF	24.5	450.2114	4	0.1	451.2188	27.37	2.4153E7	32997	0.8316	Good	Non-Toxin (0.1050)	450.49
GVGF	24.89	378.1903	4	2.2	379.1984	21.78	1.4302E6	24729	0.8300	Good	Toxin (0.5700)	378.43
VGF	23.54	321.1688	3	5.5	322.1779	19.9	3.2782E7	22010	0.8298	Good	Toxin (0.5250)	321.38
LPP	22.92	325.2001	3	1.3	326.2078	28.33	5.1075E8	32332	0.8280	Good	Toxin (0.6450)	325.41
FVP	24.3	361.2001	3	2.5	362.2083	20.62	1.9703E7	23902	0.8279	Good	Non-Toxin (0.2500)	361.44
IPPPAP	22.81	590.3428	6	1.6	296.1791	20.59	3.5498E6	22943	0.8209	Good	Toxin (0.5950)	590.72
SPAEPppppp	23.96	984.4916	10	1	493.2535	20.51	1.9032E7	23465	0.8206	Good	Toxin (0.3900)	985.10
SPAEPpppppAP	21.73	1152.5814	12	3.2	577.2998	24.45	4.7586E6	28205	0.8204	Moderate	Non-Toxin (0.3400)	1153.30
ISGF	26.86	422.2165	4	0.8	423.2242	23.36	2.0807E7	26575	0.8178	Good	Non-Toxin (0.2100)	422.48
RKSFLPPPP	20.95	1037.6022	9	2.6	519.8097	19.98	0	22242	0.8101	Good	Toxin (0.5300)	1038.26
SPLP	22.43	412.2322	4	4.9	413.2415	18.82	6.7914E7	21514	0.7995	Good	Toxin (0.6900)	412.49
FLPS	21.32	462.2478	4	4.3	463.2571	21.23	6.4775E7	23916	0.7958	Good	Toxin (0.5350)	462.55
LPPAP	20.29	493.29	5	2.3	494.2984	19.5	1.05E7	22224	0.7925	Good	Toxin (0.4700)	493.60
SPAEPpppppAPA	33.06	1223.6185	13	2.2	612.8179	23.86	1.7732E7	27342	0.7872	Poor	Non-Toxin (0.3200)	1224.38
PSPP	22.56	396.2009	4	-3.9	397.2066	14.62	6.0602E6	15634	0.7830	Good	Toxin (0.5200)	396.44
QSPppppA	21.26	692.3493	7	5.8	347.1839	22.47	0	25729	0.7824	Good	Toxin (0.5150)	692.77
PVPPP	22.91	505.29	5	0.4	253.6524	16.21	0	17355	0.7798	Good	Non-Toxin (0.3550)	505.61
VAPF	22.98	432.2372	4	2.7	433.2457	24.04	1.207E8	27730	0.7755	Good	Non-Toxin (0.3150)	432.52
LLM	21.61	375.2192	3	-1.2	376.226	23.31	4.8878E6	26815	0.7754	Good	Non-Toxin (0.3550)	375.53
IMGL	26.14	432.2406	4	-3.9	433.2462	32.32	1.1527E7	37864	0.7727	Good	Non-Toxin (0.2400)	432.58
FDAL	24.54	464.2271	4	1.9	465.2352	25.03	1.976E7	29575	0.7694	Good	Non-Toxin (0.2000)	464.52
IPP	22.92	325.2001	3	1.3	326.2078	28.33	5.1075E8	32332	0.7668	Good	Toxin (0.6900)	325.41
PPPT	20.22	410.2165	4	-2.9	411.2226	13.62	6.9349E6	14154	0.7639	Good	Toxin (0.4200)	410.47
TFL	20.82	379.2107	3	-0.2	380.2179	26.43	2.4915E7	30720	0.7581	Good	Non-Toxin (0.2250)	379.46
GLL	22.12	301.2001	3	1.4	302.2078	23.44	5.9458E8	27493	0.7538	Good	Toxin (0.4800)	301.39
PAP	20.48	283.1532	3	1.5	284.1609	11.73	8.7056E8	17468	0.7512	Good	Non-Toxin (0.2900)	283.33
LFK	20.4	406.258	3	-0.6	204.1362	17.66	2.2928E6	19199	0.7501	Good	Toxin (0.7300)	406.53
VPPP	21.96	408.2372	4	1.8	409.2452	10.96	9.6182E6	10842	0.7465	Good	Toxin (0.4050)	408.50
LFS	22.35	365.1951	3	0.7	366.2026	24.57	3.3672E7	28643	0.7445	Good	Non-Toxin (0.2600)	365.43
PLR	23.93	384.2485	3	1.4	385.2563	7.55	5.0966E7	7702	0.7393	Good	Toxin (0.5550)	384.48
GIP	23.33	285.1688	3	1.9	286.1766	8.42	9.8949E7	9865	0.7366	Good	Toxin (0.3950)	285.34
GAP	21.58	243.1219	3	1.2	244.1295	11.96	2.6632E7	12197	0.7346	Good	Non-Toxin (0.1650)	243.26
APLL	26.28	412.2686	4	2.3	413.2768	21.52	6.1968E8	30118	0.7343	Good	Toxin (0.5550)	412.53
LGGLL	24.05	471.3057	5	1.3	472.3135	35.26	2.8797E7	42023	0.7343	Good	Toxin (0.5950)	471.60

SYPL	23.79	478.2427	4	-0.9	479.2496	23.35	6.2249E6	26905	0.7300	Good	Non-Toxin (0.3700)	478.55
VLF	24.55	377.2314	3	1.6	378.2393	29.71	3.2732E7	34403	0.7290	Good	Non-Toxin (0.2550)	377.48
LPL	24.83	341.2314	3	3.6	342.24	38.38	2.0803E9	46567	0.7285	Good	Toxin (0.7800)	341.45
LLPLL	20.63	567.3995	5	2.7	568.4083	43.59	7.3968E6	52824	0.7224	Good	Toxin (0.7650)	567.77
GPI	23.09	285.1688	3	1.9	286.1766	8.42	9.8949E7	8094	0.7211	Good	Non-Toxin (0.3750)	285.34
LFTP	22.26	476.2635	4	9	477.275	25.6	3.1511E6	29622	0.7129	Good	Non-Toxin (0.1900)	476.57
LLPP	23	438.2842	4	2.1	439.2924	21.64	2.2158E8	24876	0.7127	Good	Toxin (0.6650)	438.57
IML	23.5	375.2192	3	-7.8	376.2235	30.36	1.0136E8	36788	0.7097	Good	Non-Toxin (0.2050)	375.53
LGGL	29.58	358.2216	4	2.5	359.2298	21.38	4.2268E8	25902	0.7081	Good	Non-Toxin (0.3300)	358.44
FDI	27.15	393.19	3	2.1	394.1981	29.24	2.3662E7	34336	0.7059	Good	Non-Toxin (0.1650)	393.44
LSGPL	21.5	485.2849	5	4.1	486.2942	25.54	1.956E8	31950	0.7047	Good	Toxin (0.4650)	485.58
LGG	21.22	245.1375	3	1.2	246.1451	0.21	3.1532E8	627	0.7036	Good	Non-Toxin (0.3100)	245.28
LGGGL	22.7	415.2431	5	0.3	416.2505	24.42	8.2325E7	28094	0.7005	Good	Non-Toxin (0.3500)	415.49
GGGI	22.34	302.159	4	1.5	303.1667	1.51	4.3878E7	1011	0.6998	Good	Non-Toxin (0.2750)	302.33
LPSP	21.29	509.2849	5	1.5	510.293	25.08	9.8805E6	29307	0.6987	Good	Toxin (0.4950)	509.60
KAW	23.78	403.2219	3	-4.3	404.2275	22.35	1.1233E7	25490	0.6972	Good	Toxin (0.7550)	403.48
APL	24.44	299.1845	3	2.1	300.1924	10.61	4.2381E8	10572	0.6970	Good	Toxin (0.4500)	299.37
IPG	22.89	285.1688	3	1.9	286.1766	8.42	9.8949E7	7863	0.6961	Good	Toxin (0.4300)	285.34
PPNGLPH	27.39	731.3602	7	-1	366.687	12.61	0	12480	0.6961	Good	Toxin (0.5700)	730.82
PALP	22.87	396.2372	4	2.5	397.2455	18.31	1.2751E8	26414	0.6951	Good	Toxin (0.4500)	396.49
VDFG	25.61	436.1958	4	3.3	437.2045	20.18	1.0724E7	22423	0.6927	Good	Non-Toxin (0.1100)	436.47
TIPSPPPPPA	22.76	972.528	10	2.5	487.2725	22.79	2.8517E7	26345	0.6914	Poor	Toxin (0.5700)	973.14
YLLP	22.47	504.2948	4	5.2	505.3047	32.36	1.2803E7	38163	0.6893	Good	Toxin (0.3900)	504.63
LVW	26.69	416.2423	3	-0.4	417.2495	32.1	2.1009E7	37657	0.6791	Good	Toxin (0.5050)	416.52
SLPL	22.51	428.2635	4	1.9	429.2715	22.63	3.3169E8	27589	0.6748	Good	Toxin (0.7500)	428.53
PGA	25.5	243.1219	3	0.2	244.1292	16.3	7.0617E7	16947	0.6743	Good	Non-Toxin (0.2500)	243.26
FSI	27.02	365.1951	3	3.1	366.2035	27.4	2.1975E8	34282	0.6677	Good	Non-Toxin (0.3300)	365.43
DML	24.38	377.162	3	-0.3	378.1692	20.85	1.9884E6	23696	0.6675	Good	Non-Toxin (0.2450)	377.46
SPL	26.04	315.1794	3	1.6	316.1872	22.93	6.3712E8	26343	0.6654	Good	Toxin (0.5450)	315.37
LFVP	21.93	474.2842	4	4.1	475.2934	32.01	4.218E7	38048	0.6639	Good	Non-Toxin (0.2100)	474.60
FSPV	23.38	448.2322	4	0.7	449.2398	21.61	1.0225E9	25180	0.6624	Good	Non-Toxin (0.2650)	448.52
GGI	24.25	245.1375	3	1.2	246.1451	0.21	3.1532E8	2881	0.6607	Good	Non-Toxin (0.2850)	245.28
SGLL	27.25	388.2322	4	-0.2	389.2394	23.49	6.0123E7	27158	0.6580	Good	Toxin (0.3850)	388.46
GFNIPME	21.46	822.3582	7	0.7	412.1866	30.33	1.9128E6	35258	0.6538	Good	Non-Toxin (0.2450)	822.93
GPTP	20.96	370.1852	4	1	371.1928	5.97	9.4905E7	4431	0.6509	Good	Non-Toxin (0.2600)	370.41
LRLP	21.06	497.3326	4	2.9	498.3413	21.26	4.9477E7	24154	0.6485	Good	Toxin (0.5950)	497.64
LSPP	22.33	412.2322	4	2.5	413.2405	16.42	1.1461E8	15621	0.6484	Good	Toxin (0.4800)	412.49
DLM	22.61	377.162	3	2	378.1701	8.86	1.4275E7	8805	0.6483	Good	Non-Toxin (0.2650)	377.46
KPP	21.32	340.211	3	2.6	341.2192	13.73	1.5254E8	13018	0.6423	Good	Toxin (0.4850)	340.42
DPL	21.73	343.1743	3	0.7	344.1818	17.39	1.1766E8	19559	0.6417	Good	Toxin (0.3900)	343.38
YGAP	25.64	406.1852	4	2	407.1933	10.91	3.3137E7	10769	0.6415	Good	Non-Toxin (0.2000)	406.44
LPLR	23.57	497.3326	4	2.9	498.3413	22.73	1.1316E8	26394	0.6410	Good	Toxin (0.7150)	497.64
ILPL	22.61	454.3155	4	1.7	455.3235	31.56	1.3562E9	37123	0.6391	Good	Toxin (0.8700)	454.61
FTPN	20.61	477.2224	4	2.2	478.2307	11.1	2.2907E7	10431	0.6384	Good	Non-Toxin (0.2350)	477.52
GPVDPPI	27.54	903.5065	9	0.9	452.7609	38.71	6.7104E6	46508	0.6374	Good	Toxin (0.3950)	904.07
LLGGL	21.87	471.3057	5	5.2	472.3154	32.26	1.3701E7	37355	0.6371	Good	Toxin (0.5950)	471.60
GPVDPDP	20.88	790.4225	8	-6.4	396.216	30.75	1.181E6	35850	0.6344	Good	Non-Toxin (0.3600)	790.91
ADPL	21.71	414.2114	4	1.1	415.2192	16.71	7.6138E7	18489	0.6328	Good	Non-Toxin (0.2550)	414.46
LFV	21.57	377.2314	3	2.6	378.2397	28.6	6.6027E7	33905	0.6328	Good	Non-Toxin (0.2350)	377.48
IPAP	24.35	396.2372	4	2.5	397.2455	18.31	2.2799E8	25941	0.6324	Good	Toxin (0.3900)	396.49
PAL	24.09	299.1845	3	2.7	300.1926	27.68	2.0823E7	31851	0.6320	Good	Non-Toxin (0.2100)	299.37
PSLP	23.71	412.2322	4	4.9	413.2415	18.82	3.5361E7	22498	0.6308	Good	Toxin (0.4650)	412.49
FALN	23.09	463.2431	4	1.6	464.2511	23.55	7.4143E6	27172	0.6263	Good	Non-Toxin (0.2450)	463.53
FSPV	24.72	448.2322	4	0.7	449.2398	21.61	1.0225E9	25308	0.6227	Good	Non-Toxin (0.2250)	448.52
PLTPNFK	23.44	815.4541	7	2.7	408.7354	24.13	0	27839	0.6146	Good	Toxin (0.4750)	815.97
FDAI	24.54	464.2271	4	1.9	465.2352	25.03	1.976E7	29575	0.6079	Good	Non-Toxin (0.2200)	464.52
PPK	20.71	340.211	3	0.9	341.2186	8.87	3.3226E7	6089	0.6062	Good	Toxin (0.5000)	340.42
SPDNPIR	32.81	898.4508	8	-0.7	450.2324	20.1	1.0125E7	22476	0.6052	Good	Non-Toxin (0.2700)	898.97
LIGP	25.63	398.2529	4	2.8	399.2613	14.51	3.5075E8	17441	0.6035	Good	Toxin (0.5000)	398.50
ILP	24.15	341.2314	3	1.3	342.2392	21.64	3.2333E9	25457	0.5973	Good	Toxin (0.7550)	341.45
ITLF	20.73	492.2948	4	5.3	493.3047	36.04	3.9334E6	43380	0.5944	Good	Non-Toxin (0.1000)	492.62
AGL	26.91	259.1532	3	0.8	260.1607	7.81	7.8576E7	6880	0.5929	Good	Non-Toxin (0.2550)	259.31
YILP	22.47	504.2948	4	5.2	505.3047	32.36	1.2803E7	38163	0.5928	Good	Toxin (0.4750)	504.63
LAGLL	21.69	485.3213	5	-2	486.3276	34.08	1.0522E6	40269	0.5892	Good	Toxin (0.4850)	485.62
IYLP	20.34	504.2948	4	3.4	505.3037	30.34	6.4088E6	35205	0.5865	Good	Non-Toxin (0.3100)	504.63
LPDL	23.02	456.2584	4	2.2	457.2666	21.82	1.4223E7	24636	0.5859	Good	Toxin (0.4450)	456.54
PLH	22.79	365.2063	3	4	366.215	15.98	9.6465E6	16762	0.5846	Good	Toxin (0.4500)	365.43
FINPV	22.96	588.3271	5	2.8	589.3361	29.4	2.3008E7	34075	0.5808	Good	Non-Toxin (0.3250)	588.70
TAF	23.1	337.1638	3	1.7	338.1716	12.52	3.1576E6	11742	0.5806	Good	Non-Toxin (0.2100)	337.38
LGAP	24.47	356.2059	4	2	357.2139	11.87	5.669E8	14680	0.5797	Good	Non-Toxin (0.2200)	356.42
SPVVKMC	20.28	762.3768	7	6.9	382.1983	26.31	0	30601	0.5766	Good	Toxin (0.6900)	762.99
GTPPKPGR	30.67	824.4868	8	1.7	275.8367	9.75	4.2964E6	8624	0.5764	Good	Toxin (0.4450)	824.98
FLE	20.34	407.2056	3	2.6	408.214	17.76	4.6437E6	19501	0.5760	Good	Toxin (0.4000)	407.47
YAP	26.52	349.1638	3	0.8	350.1713	8.8	9.6964E6	8758	0.5753	Good	Non-Toxin (0.1350)	349.39
SLP	25.63	315.1794	3	0.9	316.187	13.97	7.0631E8	14428	0.5681	Good	Toxin (0.5300)	315.37
GVM	21.6	305.1409	3	0.5	306.1483	8.39	2.1097E6	7375	0.5628	Good	Non-Toxin (0.1600)	305.40
ITFG	23.66	436.2322	4	-8.2	437.2359	27.25	3.9371E7	31609	0.5622	Good	Non-Toxin (0.0950)	436.51
APAPAPVAVP	33.08	888.5068	10	1.3	445.2613	24.73	2.571E7	28425	0.5600	Poor	Non-Toxin (0.1950)	889.06
LVDGF	23.27	549.2798	5	2.6	550.2886	29.43	5.1979E7	33979	0.5560	Good	Non-Toxin (0.1550)	549.62
DLP	25.97	343.1743	3	0.7	344.1818	17.39	1.0725E8	18063	0.5497	Good	Toxin (0.4200)	343.38
IPSP	22.22	412.2322	4	2.5	413.2405	16.42	1.1461E8	18861	0.5495	Good	Toxin (0.4500)	412.49
SPLTP	21.36	513.2798	5	2.2	514.2883	16.63	9.8588E7	21463	0.5462	Good	Non-Toxin (0.3400)	513.59
KPG	22.31	300.1797	3	1.9	301.1876	12.2	4.8176E6	11883	0.5437	Good	Non-Toxin (0.3400)	300.36
LPPV	20.05	424.2686	4	0.6	425.2761	22.35	1.0935E8	25608	0.5422	Good	Toxin (0.5350)	424.54
RAP	22.75	342.2015	3	1.8	343.2094	8.95	1.63E6	7752	0.5348	Good	Non-Toxin (0.2450)	342.40
GGSL	22.47	445.2536	5	2.2	446.2619	21.89	1.4873E6	24949	0.5327	Good	Toxin (0.3950)	445.52
PLKP	20.54	453.2951	4	1.2	454.3029	13.72	7.4733E7	14527	0.5316	Good	Toxin (0.6200)	453.58

IFV	21.57	377.2314	3	2.6	378.2397	28.6	6.6027E7	33905	0.5301	Good	Non-Toxin (0.2750)	377.48
APSL	24.57	386.2165	4	1	387.2242	14.6	1.6232E8	18384	0.5287	Good	Non-Toxin (0.1550)	386.45
LPVP	22.22	424.2686	4	2.8	425.277	23.06	5.7499E8	30385	0.5258	Good	Toxin (0.5200)	424.54
DPVNPKP	21.7	765.4021	7	0.5	383.7085	18.66	0	20542	0.5216	Good	Non-Toxin (0.2150)	765.86
PGK	24.89	300.1797	3	2.1	301.1877	6.62	1.0723E8	5311	0.5179	Good	Toxin (0.4050)	300.36
LPLA	20.45	412.2686	4	2.3	413.2768	21.52	4.2102E8	26591	0.5171	Good	Toxin (0.6750)	412.53
PLA	20.99	299.1845	3	-0.4	300.1916	20.34	8.8141E7	22428	0.5148	Good	Toxin (0.4100)	299.37
LGSP	24.1	372.2009	4	1.7	373.2088	12.85	1.912E7	13084	0.5147	Good	Non-Toxin (0.2950)	372.42
GSNPGRPV	23.02	782.4034	8	1.3	392.2095	9.9	1.496E7	8763	0.5132	Good	Non-Toxin (0.3600)	782.85
FST	22.78	353.1587	3	2	354.1667	21.15	4.0132E5	23869	0.5107	Good	Non-Toxin (0.1350)	353.38
FTA	21.45	337.1638	3	1.7	338.1716	12.52	3.1576E6	12409	0.5085	Good	Non-Toxin (0.1600)	337.38
PLN	23.59	342.1903	3	1	343.1979	0.19	1.3379E8	2019	0.5074	Good	Toxin (0.5050)	342.40
PSAP	20.36	370.1852	4	4	371.194	15.59	2.6211E5	16507	0.5058	Good	Non-Toxin (0.1750)	370.41
LVDGFNPME	21.31	1149.5376	10	3.9	575.7783	37.94	6.0726E7	46112	0.5037	Good	Non-Toxin (0.1850)	1134.32
LLLLLLASRLSS	34.69	1637.0854	15	4.7	819.5538	42.16	3.1074E6	51042	0.5035	Poor	Toxin (0.4950)	1638.11
VLP	20.85	424.2686	4	1.6	425.2765	18.87	1.9639E8	19700	0.5030	Good	Toxin (0.4600)	424.54
APLA	21.02	370.2216	4	3.3	371.2301	10.84	6.558E6	10251	0.5025	Good	Non-Toxin (0.3100)	370.45
PTLP	22.32	426.2478	4	1.5	427.2557	14.2	2.2256E8	18146	0.5021	Good	Non-Toxin (0.2150)	426.51
LLY	22.65	407.242	3	1	408.2497	22.8	1.4609E7	26237	0.5016	Good	Toxin (0.4000)	407.51
KLLPL	20.43	582.4105	5	1.8	583.4188	29.87	9.3755E7	36128	0.5010	Good	Toxin (0.8550)	582.78
GSL	24.28	275.1481	3	2.4	276.156	0.28	5.787E7	1932	0.4991	Good	Non-Toxin (0.3150)	275.30
KPL	26.9	356.2423	3	1	357.25	20.77	3.1587E8	26724	0.4946	Good	Toxin (0.6000)	356.47
LLLLLLCRKRNQAK	30.52	2711.6724	23	6	678.9294	52.63	3.199E5	64203	0.4892	Good	Toxin (0.4900)	2712.43
OPPKP	24.89	372.2372	4	0.9	373.2448	23.4	3.9028E7	26998	0.4848	Good	Non-Toxin (0.3300)	372.46
AVAF	22.25	406.2216	4	-3.6	407.2274	19.07	2.6265E6	21059	0.4814	Good	Non-Toxin (0.3000)	406.48
GTLP	23.89	386.2165	4	1	387.2242	14.6	1.6232E8	15150	0.4800	Good	Non-Toxin (0.3000)	386.45
GVSPDNPIR	24.86	1054.5406	10	3.2	528.2793	20.1	3.1601E8	22817	0.4781	Good	Non-Toxin (0.2550)	1055.16
PDNPIR	20.41	811.4188	7	2.5	406.7177	20.15	0	22501	0.4775	Good	Non-Toxin (0.2600)	811.89
AEFAL	20.04	549.2798	5	2.4	550.2885	32.77	2.9123E6	38862	0.4774	Good	Non-Toxin (0.1600)	549.62
KLGP	21.94	413.2638	4	2	414.2719	12.2	1.8599E7	11792	0.4768	Good	Toxin (0.6150)	413.52
ISLVDGF	25.94	749.3959	7	4.5	750.4066	40.65	3.0639E6	49104	0.4753	Good	Non-Toxin (0.1650)	749.86
VPLL	23.68	440.2999	4	0.9	441.3076	25.89	3.9486E7	30068	0.4750	Good	Toxin (0.4650)	440.58
GVSPDNPIRTR	26.85	1155.5884	11	1.9	578.8026	21.37	0	24228	0.4745	Good	Non-Toxin (0.2300)	1156.26
DGSNPGRPV	27.05	897.4304	9	0.9	449.7229	11.97	8.9383E6	11565	0.4728	Good	Non-Toxin (0.2700)	897.94
PLVP	20.94	424.2686	4	2.8	425.277	23.06	2.4397E8	27936	0.4713	Good	Toxin (0.4700)	424.54
SALP	20.15	386.2165	4	1	387.2242	14.6	1.6232E8	14980	0.4702	Good	Toxin (0.4350)	386.45
IPVP	22.22	424.2686	4	2.8	425.277	23.06	5.7499E8	30385	0.4652	Good	Non-Toxin (0.2750)	424.54
LTPP	24.5	426.2478	4	1.5	427.2557	14.2	2.2256E8	18932	0.4623	Good	Non-Toxin (0.3100)	426.51
PIR	21.15	497.3326	4	1.1	249.6738	21.98	3.5982E7	26319	0.4590	Good	Toxin (0.4050)	497.64
PSSP	23.83	386.1801	4	3.4	387.1887	16.78	3.4351E6	18239	0.4544	Good	Non-Toxin (0.2750)	386.40
TGGL	28.04	346.1852	4	-2.5	347.1917	7.87	8.1352E6	6591	0.4524	Good	Non-Toxin (0.2500)	346.38
MTL	20.21	363.1828	3	-8.7	364.1869	18.66	5.2477E7	23098	0.4470	Good	Non-Toxin (0.1200)	363.48
AYSLTAPPPP	30.27	1012.5229	10	0.8	507.2691	16.26	0	17428	0.4403	Poor	Non-Toxin (0.2400)	1013.16
LGI	26.04	301.2001	3	2.9	302.2083	22.57	1.1277E9	26580	0.4377	Good	Non-Toxin (0.3450)	301.39
ADPI	21.71	414.2114	4	1.1	415.2192	16.71	7.6138E7	18489	0.4362	Good	Non-Toxin (0.2250)	414.46
IAGL	24.89	372.2372	4	0.9	373.2448	23.4	3.9028E7	26998	0.4342	Good	Non-Toxin (0.2400)	372.46
IAP	26.87	299.1845	3	2	300.1924	25.26	9.9646E8	29438	0.4335	Good	Non-Toxin (0.2450)	299.37
IFML	21.77	476.2668	4	-6.9	477.2708	33.22	3.548E7	39184	0.4332	Good	Non-Toxin (0.1000)	476.64
TLM	20.91	363.1828	3	1.1	364.1905	14.56	2.731E6	15347	0.4281	Good	Non-Toxin (0.1650)	363.48
LAG	23.18	259.1532	3	0.8	260.1607	7.81	2.5088E7	5725	0.4257	Good	Non-Toxin (0.2550)	259.31
ILTPL	23.14	555.3632	5	3.2	556.3722	32.06	2.8804E7	37577	0.4234	Good	Toxin (0.3850)	555.72
LPD	26.61	343.1743	3	0.6	344.1818	18.53	9.7849E7	20473	0.4229	Good	Toxin (0.4850)	343.38
KLLP	24.01	469.3264	4	2.5	470.3348	21.2	2.438E8	25062	0.4222	Good	Toxin (0.8000)	469.63
FTPVDPK	24.43	802.4225	7	1.2	402.219	18.41	1.6294E7	20328	0.4183	Good	Non-Toxin (0.2450)	802.93
LSGLI	20.5	501.3162	5	3.1	502.325	30.01	8.3299E6	35091	0.4147	Good	Toxin (0.4000)	501.62
ALAP	20.21	370.2216	4	1.9	371.2296	25.79	7.9504E6	29853	0.4090	Good	Non-Toxin (0.1450)	370.45
ILR	23.29	400.2798	3	1.3	401.2876	22.73	5.893E6	25964	0.4082	Good	Toxin (0.4600)	400.52
LTP	23.75	442.2791	4	2.7	443.2876	26.4	6.1114E8	31305	0.4062	Good	Non-Toxin (0.3300)	442.56
LPK	26.85	356.2423	3	1	357.25	20.77	3.7032E8	24959	0.4043	Good	Toxin (0.6200)	356.47
AAALLI	22.22	570.3741	6	3.4	571.3833	35.82	5.7761E7	42946	0.4022	Good	Toxin (0.4100)	570.73
VLM	20.49	361.2035	3	1.1	362.2112	17.75	4.6313E6	19277	0.4012	Good	Non-Toxin (0.1650)	361.51
TFK	21.23	394.2216	3	0.7	395.2292	20.1	2.3954E7	22603	0.3991	Good	Toxin (0.4350)	394.47
TP	26.24	329.1951	3	5.6	330.2042	19.26	8.0015E8	21838	0.3986	Good	Non-Toxin (0.3700)	329.40
LPSI	24.47	428.2635	4	1.5	429.2714	27.22	8.9608E8	33298	0.3957	Good	Toxin (0.5050)	428.53
IVGLL	20.56	513.3526	5	3.8	514.3618	34.55	1.555E7	41512	0.3930	Good	Toxin (0.5150)	513.68
LILLLLFSLLEA	23.68	1356.8632	12	-7.5	679.4338	53.15	0	64847	0.3927	Moderate	Toxin (0.3800)	1357.74
LGVP	24.71	384.2372	4	0.3	385.2446	18.55	5.7193E7	20457	0.3925	Good	Non-Toxin (0.2350)	384.48
LTPG	23.43	386.2165	4	1.6	387.2244	12.31	5.658E7	12121	0.3910	Good	Non-Toxin (0.2200)	386.45
PIPDHVP	23.94	844.4443	8	-9.9	423.2253	17.91	0	19531	0.3895	Good	Non-Toxin (0.2600)	844.97
RTPL	22.32	485.2962	4	3.1	486.3049	9.78	3.2467E7	8681	0.3835	Good	Non-Toxin (0.2700)	485.58
GLK	26.07	316.211	3	-1.4	317.2179	13.16	5.2852E6	13381	0.3791	Good	Toxin (0.7250)	316.40
TLPG	20.46	386.2165	4	2.1	387.2246	10.11	9.989E7	10388	0.3790	Good	Toxin (0.3800)	386.45
PVNPVPPVILPPV	24.07	1227.7227	12	-1.8	410.2474	19.66	1.8406E6	21663	0.3746	Poor	Non-Toxin (0.2350)	1228.50
IAGLI	21.69	485.3213	5	-2	486.3276	34.08	1.0522E6	40269	0.3685	Good	Non-Toxin (0.3450)	485.62
LPTSP	21.96	513.2798	5	2.2	514.2883	16.63	9.8588E7	17733	0.3643	Good	Non-Toxin (0.2200)	513.59
LAL	23.31	315.2158	3	0.8	316.2233	24.26	6.342E8	29270	0.3637	Good	Non-Toxin (0.2300)	315.41
PSI	22.66	315.1794	3	0.9	316.187	13.97	1.9292E8	15995	0.3618	Good	Non-Toxin (0.3450)	315.37
LNIP	21.55	455.2744	4	1.7	456.2824	23.63	6.6002E8	31755	0.3563	Good	Non-Toxin (0.2950)	455.55
IGVP	24.71	384.2372	4	0.3	385.2446	18.55	5.7193E7	20457	0.3545	Good	Non-Toxin (0.1750)	384.48
KRL	21.72	415.2907	3	-4.5	416.2961	33.95	9.643E4	40144	0.3542	Good	Toxin (0.5550)	415.54
GVSPDNPI	31.6	898.4396	9	0.5	899.4473	23.29	6.9734E8	26893	0.3538	Good	Non-Toxin (0.1800)	898.97
PTL	22.34	329.1951	3	2.2	330.2031	31.15	8.4025E6	36460	0.3524	Good	Non-Toxin (0.1400)	329.40
YSL	21.41	381.19	3	1.6	382.1978	33.41	4.1467E6	39913	0.3513	Good	Non-Toxin (0.2200)	381.43
DSL	21.84	446.2376	4	2.7	447.2461	24.05	6.4235E6	27823	0.3512	Good	Toxin (0.3900)	446.50
QSL	21.37	459.2693	4	2.6	460.2778	23.39	9.2153E6	27023	0.3493	Good	Toxin (0.3850)	459.54
LQIP	21.11	469.29	4	5.2	470.2997	26.7	2.816E8	34026	0.3493	Good	Non-Toxin (0.3450)	469.58
THHPP	20.82	700.3657	6	-1.2	351.1897	9.67	0	8603	0.3475	Good	Toxin (0.4700)	700.80

AALLI	25.11	499.337	5	2.3	500.3454	34.78	3.2452E7	41396	0.3461	Good	Toxin (0.4200)	499.65
LRI	20.31	400.2798	3	2.3	401.288	16.48	4.1691E6	17742	0.3397	Good	Toxin (0.4600)	400.52
TVW	26	404.206	3	2.8	405.2144	22.24	5.0374E6	25352	0.3388	Good	Non-Toxin (0.3550)	404.47
FVDI	24.7	492.2584	4	2.7	493.267	29.73	3.1696E7	34903	0.3365	Good	Non-Toxin (0.1200)	492.57
KLL	21.55	372.2736	3	2.1	373.2817	11.49	1.19E8	11084	0.3360	Good	Toxin (0.8950)	372.51
SLPS	21.69	402.2114	4	1.6	403.2194	5.56	1.6842E8	6730	0.3343	Good	Toxin (0.4500)	402.45
APS	23.38	273.1324	3	0.5	274.1399	6.71	9.1386E7	5392	0.3337	Good	Non-Toxin (0.1350)	273.29
VPR	22.4	370.2328	3	3.6	371.2415	11.01	2.3426E7	10474	0.3313	Good	Non-Toxin (0.2450)	370.45
SIL	22.38	331.2107	3	3.2	332.219	21.45	3.3627E8	24582	0.3309	Good	Toxin (0.4900)	331.41
AGIA	25.11	330.1903	4	1.3	331.198	6.7	8.0603E7	5682	0.3293	Good	Non-Toxin (0.2400)	330.38
IGTL	25.04	402.2478	4	0.7	403.2554	19.39	3.7141E8	21362	0.3291	Good	Non-Toxin (0.2250)	402.49
LASP	23.35	386.2165	4	2.1	387.2246	10.11	3.1879E8	11446	0.3264	Good	Non-Toxin (0.2450)	386.45
SLPT	24.88	416.2271	4	1.8	417.2351	8.26	9.2488E7	8257	0.3185	Good	Non-Toxin (0.2450)	416.47
TLGAP	21.21	457.2536	5	3.8	458.2627	13.9	4.2055E7	14477	0.3173	Good	Non-Toxin (0.2350)	457.53
SSIL	25.62	418.2427	4	0.8	419.2503	23.13	1.8726E6	26637	0.3171	Good	Toxin (0.3800)	418.49
LSSP	24.84	402.2114	4	1.6	403.2194	5.56	1.7696E8	5500	0.3171	Good	Non-Toxin (0.3250)	402.45
LLTP	25.23	442.2791	4	2.6	443.2875	20.5	3.8913E8	22970	0.3170	Good	Non-Toxin (0.2450)	442.56
TVF	25.92	365.1951	3	1.8	366.203	19.59	1.3545E7	21966	0.3166	Good	Non-Toxin (0.1800)	365.43
LVLL	22.16	569.4152	5	4.3	570.4249	44.29	1.0421E6	53717	0.3159	Good	Toxin (0.4650)	569.79
IVGP	23.04	384.2372	4	1.2	385.245	12.05	1.7082E8	11894	0.3147	Good	Toxin (0.4250)	384.48
LIDL	27.39	472.2897	4	3.7	473.2987	30.86	2.5905E8	36835	0.3138	Good	Non-Toxin (0.3250)	472.58
IVPVDPP	21.63	735.4166	7	3.3	368.7168	28.07	1.4662E6	32136	0.3114	Good	Non-Toxin (0.2150)	735.88
TGL	26.44	289.1638	3	0.6	290.1712	8.42	9.7736E7	8453	0.3107	Good	Non-Toxin (0.2750)	289.33
IYDPHQPT	24.49	969.4556	8	1.5	485.7358	16.35	8.6797E6	17535	0.3086	Good	Non-Toxin (0.1400)	970.05
VGGI	25.17	344.206	4	2.6	345.2141	13.91	6.6145E8	17107	0.3017	Good	Toxin (0.5000)	344.41
YVP	24.3	377.1951	3	1.9	378.2031	15.59	2.934E7	16873	0.3010	Good	Non-Toxin (0.1500)	377.44
DIPVDQPAK	23.28	981.5131	9	0.4	491.764	18.84	2.1796E6	20709	0.3008	Good	Non-Toxin (0.2050)	982.10
LTP	26.66	329.1951	3	0.7	330.2026	22.99	9.9902E8	27316	0.2996	Good	Non-Toxin (0.1800)	329.40
LSAL	26.9	402.2478	4	2.2	403.256	18.08	3.762E8	24220	0.2993	Good	Non-Toxin (0.2550)	402.49
LGK	25.98	316.211	3	-0.7	317.2181	11.62	1.0044E7	10758	0.2984	Good	Toxin (0.5050)	316.40
YTP	24.4	492.2584	4	2.6	493.267	21.66	2.7631E7	24630	0.2980	Good	Non-Toxin (0.2000)	492.57
VPTP	20.98	412.2322	4	2.5	413.2405	16.42	1.1461E8	16425	0.2968	Good	Non-Toxin (0.1350)	412.49
RTLTP	20.33	485.2962	4	3.1	486.3049	9.78	3.2467E7	8837	0.2965	Good	Non-Toxin (0.2650)	485.58
ILTP	25.23	442.2791	4	2.6	443.2875	20.5	3.8913E8	22970	0.2959	Good	Non-Toxin (0.2700)	442.56
LITP	24.75	442.2791	4	2	443.2873	29.75	2.345E8	34771	0.2956	Good	Non-Toxin (0.3400)	442.56
STDGNSPGRPV	28.98	1085.5101	11	1.7	543.7632	12.2	3.1672E7	11777	0.2956	Good	Non-Toxin (0.2050)	1086.13
GIPPDQ	27.84	753.3657	7	2.7	754.375	14.85	2.4067E7	16015	0.2956	Good	Non-Toxin (0.3700)	753.81
YFIGVS	24.18	684.3483	6	5.6	685.3594	32.73	1.7667E7	38632	0.2949	Good	Non-Toxin (0.1850)	684.79
IPVDQPAK	22.78	866.4861	8	0.8	434.2507	14.9	0	15612	0.2942	Good	Non-Toxin (0.2600)	867.01
IPT	23.94	329.1951	3	1.8	330.2029	11.68	5.999E8	11622	0.2942	Good	Non-Toxin (0.1850)	329.40
SLTAP	22.84	487.2642	5	3.1	488.273	17.59	8.1899E6	19134	0.2928	Good	Non-Toxin (0.1850)	487.55
LSAAL	24.19	473.2849	5	-6.2	474.2892	37.63	5.0884E5	45350	0.2926	Good	Non-Toxin (0.2350)	473.57
TIPSP	21.93	513.2798	5	2.1	514.2882	14.08	1.913E7	15559	0.2924	Good	Non-Toxin (0.2950)	513.59
DAIL	23.36	430.2427	4	-1.5	431.2494	26.49	1.0652E8	30498	0.2916	Good	Non-Toxin (0.3050)	430.50
SVM	23.38	335.1515	3	2.3	336.1595	8.27	6.3633E6	7304	0.2883	Good	Non-Toxin (0.1500)	335.42
IGEP	20.97	414.2114	4	3.2	415.22	13.22	2.0419E7	13311	0.2828	Good	Non-Toxin (0.2800)	414.46
TDGNSPGRPV	32.03	998.4781	10	0.6	500.2466	11.88	1.7004E7	11438	0.2805	Good	Non-Toxin (0.2250)	999.05
LGID	22.83	416.2271	4	1.3	417.2349	19.3	1.0831E8	21590	0.2801	Good	Non-Toxin (0.2300)	416.47
QAL	20.76	330.1903	3	-1	331.1973	7.96	6.3909E7	8694	0.2796	Good	Non-Toxin (0.1850)	330.38
VLPA	22.11	398.2529	4	2.8	399.2613	14.51	4.6944E8	16382	0.2753	Good	Non-Toxin (0.3650)	398.50
AISL	22.3	402.2478	4	0.6	403.2553	16.68	8.3864E7	17952	0.2743	Good	Non-Toxin (0.3450)	402.49
LGAN	20.61	373.1961	4	-4.9	374.2015	34.47	1.9818E6	40314	0.2738	Good	Non-Toxin (0.2400)	373.41
ISSP	24.84	402.2114	4	1.6	403.2194	5.56	1.7696E8	5500	0.2737	Good	Non-Toxin (0.2650)	402.45
IYDPHQPTLE	25.47	1211.5823	10	1.1	606.7991	23.86	5.57E6	27465	0.2708	Good	Non-Toxin (0.1250)	1212.32
LDSL	25.15	446.2376	4	2.5	447.246	27.91	7.9793E7	32420	0.2676	Good	Non-Toxin (0.2450)	446.50
AFAVIANPDAGRINIE	27.14	1669.8787	16	3.1	835.9492	37.05	1.1167E6	44276	0.2670	Good	Non-Toxin (0.2350)	1670.89
VAM	22.18	319.1566	3	2	320.1645	10.56	5.7905E6	10508	0.2643	Good	Non-Toxin (0.2500)	319.43
VAGL	26.95	358.2216	4	1.1	359.2293	18.59	3.2496E7	20375	0.2642	Good	Non-Toxin (0.2200)	358.44
DAAL	20.27	388.1958	4	3.8	389.2045	10.73	1.4001E7	9418	0.2619	Good	Non-Toxin (0.1550)	388.42
TPSPT	22.22	501.2435	5	2.1	502.2518	10.94	1.9367E7	10369	0.2602	Good	Non-Toxin (0.1800)	501.54
FALNQDNNDFVDSL	20.23	1837.8483	16	0.5	919.9319	47.26	6.5948E5	57609	0.2594	Good	Non-Toxin (0.1300)	1838.95
VAGG	22.25	302.159	4	1.5	303.1667	1.51	4.3878E7	155	0.2581	Good	Non-Toxin (0.2000)	302.33
VGPSVP	22.34	554.3064	6	3.1	555.3154	21.85	2.3841E7	24828	0.2568	Good	Non-Toxin (0.3400)	554.64
AFQVIANPDAGRINIE	35.72	1726.9001	16	4.5	864.4612	36.27	2.4615E6	43150	0.2566	Good	Non-Toxin (0.1700)	1727.94
ISL	25.63	331.2107	3	0.9	332.2183	22.19	2.2317E9	28423	0.2562	Good	Non-Toxin (0.3250)	331.41
GTLP	20.15	487.2642	5	3.1	488.273	16.56	2.9731E8	18180	0.2556	Good	Non-Toxin (0.2200)	487.55
NIL	26.86	358.2216	3	2.8	359.2299	22.86	5.4643E8	26311	0.2552	Good	Non-Toxin (0.3750)	358.44
DIPVDQPA	27.43	853.4181	8	0.2	854.4255	23.94	1.6539E6	27584	0.2532	Good	Non-Toxin (0.1950)	853.93
ALNQDNNDFVDSLVDG	27.62	2108.9651	19	6.2	1055.496	50.64	5.5407E5	61908	0.2488	Good	Non-Toxin (0.1350)	2110.22
IPV	27.17	327.2158	3	1.5	328.2235	30	7.1771E8	34810	0.2457	Good	Non-Toxin (0.2800)	327.42
GNNQOPVLN	26.21	982.4832	9	0.9	492.2493	17.23	2.5016E6	18608	0.2454	Moderate	Non-Toxin (0.1600)	983.05
KSIP	21.32	443.2744	4	1.4	444.2823	17.52	9.9549E6	19617	0.2435	Good	Toxin (0.4750)	443.54
DTLL	25.66	460.2533	4	2.6	461.2617	24.83	4.5148E7	28557	0.2395	Good	Non-Toxin (0.3100)	460.53
SLLK	20.66	459.3057	4	-1.6	230.6597	17.37	0	18824	0.2368	Good	Toxin (0.8150)	459.59
TLL	22.54	345.2264	3	0.9	346.234	22.4	7.0118E8	26000	0.2337	Good	Non-Toxin (0.2500)	345.44
FLEGLPTINH	24.32	1127.5612	10	2.1	564.7891	28.31	9.6739E5	32624	0.2336	Good	Non-Toxin (0.2100)	1128.25
LSNL	22.63	445.2536	4	1.1	446.2614	16.91	2.61E7	18638	0.2328	Good	Non-Toxin (0.3400)	445.52
AASL	22.03	360.2009	4	1	361.2085	8.08	2.9745E7	7594	0.2324	Good	Non-Toxin (0.2250)	360.41
LPST	26.53	416.2271	4	1.4	417.2349	12.75	2.0244E8	12613	0.2321	Good	Non-Toxin (0.2750)	416.47
ALNQDNNDFVDSL	24.79	1690.7798	15	2.8	846.3995	43.52	2.3887E5	52715	0.2319	Good	Non-Toxin (0.1550)	1691.77
PLE	25.58	357.19	3	1.8	358.1979	25.23	1.3005E7	29235	0.2305	Good	Toxin (0.4800)	357.41
PAIT	20.3	400.2322	4	3.5	401.2408	18.39	3.7387E7	20446	0.2299	Good	Non-Toxin (0.1150)	400.48
EYP	21.13	407.1692	3	2.1	408.1774	28.34	6.3657E6	33710	0.2274	Good	Toxin (0.3850)	407.42
LLLLLILTHPT	24.71	1358.8901	12	-5.3	680.4487	51.16	0	62480	0.2273	Poor	Non-Toxin (0.2750)	1359.76
QLI	21.16	372.2372	3	0.9	373.2448	23.4	3.9028E7	27006	0.2257	Good	Non-Toxin (0.2550)	372.46
VGPSVPSIE	20.14	883.4651	9	2	884.4741	30.27	4.2909E6	35054	0.2256	Good	Non-Toxin (0.1800)	884.00
VLL	21.08	343.2471	3	0.9	344.2547	23.51	1.1138E9	27447	0.2249	Good	Toxin (0.4650)	343.47

PVSSP	20.29	485.2485	5	3.1	486.2573	8.3	1.9786E7	5792	0.2249	Good	Non-Toxin (0.1200)	485.54
LDVP	21.94	442.2427	4	0.5	443.2502	18.75	5.6304E6	20737	0.2246	Good	Non-Toxin (0.1400)	442.51
KSP	24.85	330.1903	3	1.3	331.198	6.7	8.0603E7	3962	0.2229	Good	Non-Toxin (0.3100)	330.38
AVP	24.34	285.1688	3	1.9	286.1766	8.42	2.4568E8	9774	0.2225	Good	Non-Toxin (0.1500)	285.34
LAVP	25.73	398.2529	4	2.9	399.2613	20.8	1.0518E9	27213	0.2220	Good	Non-Toxin (0.1350)	398.50
RIYDPHQPT	27.51	1125.5566	9	2.9	563.7872	15.13	2.7519E6	15767	0.2201	Good	Non-Toxin (0.1550)	1126.24
LSTP	24.84	416.2271	4	1	417.2348	15.05	1.0259E8	16896	0.2196	Good	Non-Toxin (0.2350)	416.47
LELP	21.38	470.274	4	0.7	471.2816	29.99	1.4778E8	35512	0.2188	Good	Toxin (0.4200)	470.57
YEP	22.73	407.1692	3	-0.1	408.1765	23.64	8.3658E6	27975	0.2182	Good	Non-Toxin (0.3000)	407.42
ECl	23.67	363.1464	3	-7	364.1511	28.37	5.163E6	32823	0.2079	Good	Toxin (0.9300)	363.44
INPV	20.48	441.2587	4	1.8	442.2668	16.37	5.2779E8	17510	0.2068	Good	Non-Toxin (0.2850)	441.53
PAV	23.96	285.1688	3	-0.2	286.1761	23.66	9.7883E6	27318	0.2042	Good	Non-Toxin (0.1500)	285.34
TIPA	22.04	400.2322	4	3.3	401.2408	13.44	1.0951E8	13561	0.2040	Good	Non-Toxin (0.2200)	400.48
LVG	21.48	287.1845	3	2.1	288.1924	2.1	3.8963E8	2797	0.2034	Good	Toxin (0.4000)	287.36
TLPIDPS	20.88	741.3909	7	3	742.4004	27.73	1.9847E7	31682	0.2012	Good	Non-Toxin (0.2850)	741.84
VAP	22.71	285.1688	3	2.5	286.1768	7.1	3.7919E8	6465	0.1990	Good	Non-Toxin (0.1800)	285.34
VLR	21.79	386.2641	3	2.7	387.2725	7.14	6.8949E7	6048	0.1980	Good	Non-Toxin (0.2550)	386.49
ITAP	20.8	400.2322	4	2.6	401.2405	8.39	7.4157E7	9906	0.1965	Good	Non-Toxin (0.1100)	400.48
SVAP	22.86	372.2009	4	2.2	373.209	8.01	7.9733E7	7798	0.1950	Good	Non-Toxin (0.1750)	372.42
GIV	23.73	287.1845	3	2.1	288.1924	14.27	2.5358E8	14792	0.1908	Good	Non-Toxin (0.2400)	287.36
ISTP	24.84	416.2271	4	1	417.2348	15.05	1.0259E8	16896	0.1904	Good	Non-Toxin (0.1800)	416.47
LATL	22.78	416.2635	4	1.9	417.2715	22.03	3.7756E7	25048	0.1901	Good	Non-Toxin (0.2000)	416.52
LCTT	27.29	436.1992	4	1.3	219.1071	27.64	4.0474E6	32523	0.1893	Good	Toxin (0.7700)	436.53
LIVG	25.55	400.2686	4	2.3	401.2767	19.93	9.8255E6	22182	0.1872	Good	Toxin (0.4200)	400.52
TPLS	20.28	416.2271	4	1.8	417.2351	8.26	9.2488E7	7917	0.1869	Good	Toxin (0.4050)	416.47
IEPI	22.16	470.274	4	0.7	471.2816	29.99	1.6765E8	34791	0.1865	Good	Non-Toxin (0.2450)	470.57
LTPK	22.39	457.29	4	1.9	458.2982	8.25	2.0295E7	8326	0.1848	Good	Non-Toxin (0.3300)	457.57
TLGA	22.98	360.2009	4	1	361.2085	8.08	2.9745E7	7144	0.1832	Good	Non-Toxin (0.2200)	360.41
LAVDL	20.98	529.3112	5	5.6	530.3214	32.18	6.515E6	37703	0.1822	Good	Non-Toxin (0.1200)	529.63
VGGV	24.38	330.1903	4	-1	331.1973	7.96	1.4451E8	6641	0.1799	Good	Toxin (0.5600)	330.38
FALNQDNNDFVDIS	35.26	1724.7642	15	-0.2	863.8892	39.59	1.7323E7	47587	0.1795	Good	Non-Toxin (0.1350)	1725.79
FALNQDNNDFVDIS	31.51	1725.7482	15	4.5	863.8853	40.63	7.8686E6	49092	0.1795	Good	Non-Toxin (0.1350)	1725.79
EIP	26.3	357.19	3	0.1	358.1973	16.41	2.7834E7	16876	0.1781	Good	Non-Toxin (0.3400)	357.41
LTAAL	21.16	487.3006	5	2	488.3088	29.46	3.0011E6	34024	0.1759	Good	Non-Toxin (0.1050)	487.60
VSLY	24.22	480.2584	4	2.3	481.2668	24.25	2.7237E8	28128	0.1747	Good	Non-Toxin (0.1500)	480.56
VSLSP	21.8	501.2798	5	2.1	502.2882	20.55	2.2651E7	22896	0.1699	Good	Non-Toxin (0.2450)	501.58
VVVF	26.93	462.2842	4	2.5	463.2927	30.82	3.7232E6	36210	0.1655	Good	Non-Toxin (0.1900)	462.59
SYK	22.59	396.2009	3	-5.7	397.2059	11.88	2.8454E7	11637	0.1655	Good	Non-Toxin (0.3150)	396.44
PSIE	24.42	444.222	4	2.9	445.2305	20.26	6.9988E6	23143	0.1627	Good	Non-Toxin (0.2800)	444.49
VLPV	22.52	426.2842	4	2.5	427.2925	24.2	1.1978E9	28152	0.1607	Good	Toxin (0.5400)	426.56
LGTLV	20.13	501.3162	5	3.9	502.3254	28.3	1.1185E7	32442	0.1596	Good	Non-Toxin (0.2450)	501.62
ITVLL	22.23	557.3788	5	1.9	558.3872	37.76	1.8164E6	45162	0.1594	Good	Non-Toxin (0.2950)	557.73
I AVL	21.92	527.3683	5	5.4	528.3784	37.87	1.0152E8	46153	0.1589	Good	Non-Toxin (0.1900)	527.71
LNLV	20.67	457.29	4	4.1	458.2992	28.27	6.2125E6	32493	0.1586	Good	Non-Toxin (0.3100)	457.57
KLLS	23.85	459.3057	4	3	460.3143	7.52	4.187E6	6356	0.1559	Good	Toxin (0.7750)	459.59
SIIT	20.58	432.2584	4	2.2	433.2666	17.64	7.6941E7	19254	0.1557	Good	Non-Toxin (0.1100)	432.52
DAVL	21.86	416.2271	4	2.2	417.2353	22.99	1.3015E7	26283	0.1543	Good	Non-Toxin (0.0800)	416.47
ILT	21.83	345.2264	3	2.3	346.2344	13.95	2.0548E8	14845	0.1542	Good	Non-Toxin (0.2450)	345.44
VPS	20.92	301.1638	3	1.2	302.1714	3.9	2.7312E8	561	0.1535	Good	Non-Toxin (0.1950)	301.34
LVTIP	20.51	541.3475	5	1.8	542.3558	26.04	1.6908E8	32274	0.1531	Good	Non-Toxin (0.1850)	541.69
PIVK	24.46	455.3107	4	1.2	456.3185	21.68	7.127E6	24687	0.1529	Good	Toxin (0.4350)	455.60
LPVV	24.37	426.2842	4	3.7	427.2931	31.23	2.6524E8	36389	0.1514	Good	Toxin (0.4600)	426.56
I AVL	25.97	414.2842	4	2	415.2923	27.42	9.4513E7	33724	0.1509	Good	Non-Toxin (0.1550)	414.55
SSI	22.01	305.1587	3	0.7	306.1662	3.9	3.18E7	2931	0.1502	Good	Non-Toxin (0.2350)	305.33
VLSL	23.05	430.2791	4	3.5	431.2879	21.42	3.469E6	24148	0.1500	Good	Non-Toxin (0.3350)	430.54
ALNQDNNDFVDIS	23.09	1577.6958	14	0.8	789.8558	33.14	2.866E6	39176	0.1499	Good	Non-Toxin (0.1500)	1578.61
VTLP	22.14	428.2635	4	1.8	429.2715	22.63	1.7513E9	29296	0.1496	Good	Non-Toxin (0.2650)	428.53
ISSI	23.19	418.2427	4	3.2	419.2513	18.2	2.6637E6	20121	0.1489	Good	Non-Toxin (0.2000)	418.49
KGS	20.79	290.159	3	-7.4	291.1641	7.23	4.5781E5	5975	0.1482	Good	Toxin (0.3950)	290.32
LATDLVQVR	30.41	1013.5869	9	-0.4	507.8005	27.47	2.7842E6	31545	0.1477	Good	Non-Toxin (0.1450)	1014.19
I AVG	26.13	358.2216	4	2.7	359.2299	14.12	3.6045E7	14596	0.1475	Good	Non-Toxin (0.3450)	358.44
DLK	24.8	374.2165	3	1.4	375.2243	6.04	1.2706E7	4134	0.1464	Good	Toxin (0.5850)	374.44
APTSSSS	20.56	732.329	8	2	367.1725	14.55	0	15215	0.1457	Moderate	Non-Toxin (0.0950)	732.75
LTSL	21.69	432.2584	4	2.3	433.2667	18.79	3.4184E7	20832	0.1442	Good	Non-Toxin (0.2500)	432.52
QITVAPGT	25.7	785.4283	8	2.8	786.4377	22.19	1.9067E6	25354	0.1432	Moderate	Non-Toxin (0.1400)	785.90
LAK	24.47	330.2267	3	0.1	331.234	10.03	6.6547E6	8997	0.1428	Good	Toxin (0.6000)	330.43
TVLP	23.62	428.2635	4	0.8	429.2711	26.07	1.2958E9	30581	0.1412	Good	Non-Toxin (0.3750)	428.53
VSAL	25.34	388.2322	4	1.7	389.2401	16.71	3.8079E7	17761	0.1410	Good	Non-Toxin (0.1650)	388.46
AVL	24.69	301.2001	3	3	302.2083	15.38	2.502E8	16791	0.1403	Good	Non-Toxin (0.1650)	301.39
DVVSLY	20.05	694.3538	6	4.5	695.3641	33.09	1.3838E6	39145	0.1394	Good	Non-Toxin (0.0850)	694.78
STL	24.68	319.1743	3	0.6	320.1818	6.15	1.3144E8	5171	0.1389	Good	Non-Toxin (0.1600)	319.36
GIITD	20.22	517.2748	5	3.6	518.2839	19.99	2.3243E7	22039	0.1380	Good	Non-Toxin (0.1100)	517.58
LVPV	22.82	426.2842	4	3.7	427.2931	31.23	1.1176E7	37139	0.1372	Good	Non-Toxin (0.3150)	426.56
TAAL	24.46	374.2165	4	1.8	375.2245	7.81	4.7573E7	7274	0.1371	Good	Non-Toxin (0.1050)	374.44
IKK	25.94	372.2736	3	0.6	373.2811	25.82	3.0791E8	30084	0.1368	Good	Toxin (0.7150)	372.51
IVL	22.76	343.2471	3	0.9	344.2547	26.45	1.0971E9	30675	0.1367	Good	Non-Toxin (0.2800)	343.47
ITY	21.85	395.2056	3	0.8	396.2132	25.3	2.2634E7	29064	0.1329	Good	Non-Toxin (0.0650)	395.46
LLDV	20.36	458.274	4	3.2	459.2828	33.91	1.0122E6	39946	0.1326	Good	Non-Toxin (0.2650)	458.56
KVP	22.82	342.2267	3	0.9	343.2343	10.99	2.6716E7	10061	0.1300	Good	Toxin (0.4150)	342.44
AVLA	23.74	372.2372	4	2.1	373.2453	13.79	2.3269E7	14118	0.1297	Good	Non-Toxin (0.1050)	372.46
DTL	26.12	347.1693	3	1.1	348.1769	8.41	3.8914E7	7316	0.1292	Good	Non-Toxin (0.2700)	347.37
LSAS	23.65	376.1958	4	5.1	377.205	4.43	3.725E7	2309	0.1276	Good	Non-Toxin (0.2900)	376.41
LVVP	23.71	426.2842	4	3.7	427.2931	31.23	1.3464E9	35455	0.1256	Good	Non-Toxin (0.2050)	426.56
LNIPAVQ	26.42	753.4385	7	3.5	754.4484	31.21	2.5078E6	36396	0.1250	Good	Non-Toxin (0.2450)	753.90
TDL	26.68	347.1693	3	1.1	348.1769	8.41	3.8914E7	9948	0.1221	Good	Non-Toxin (0.2500)	347.37
BSLV	21.84	430.2791	4	2.8	431.2876	25.73	2.0701E7	29968	0.1215	Good	Non-Toxin (0.2350)	430.54
VTIP	22.14	428.2635	4	1.8	429.2715	22.63	1.7513E9	29296	0.1204	Good	Non-Toxin (0.1800)	428.53

IVPV	22.82	426.2842	4	3.7	427.2931	31.23	1.1176E7	37139	0.1203	Good	Non-Toxin (0.2450)	426.56
VYI	22.09	393.2263	3	1.9	394.2344	22.95	4.6387E6	26333	0.1196	Good	Non-Toxin (0.1250)	393.48
LIAV	25.28	414.2842	4	1.4	415.2921	24.02	1.2473E8	28097	0.1194	Good	Non-Toxin (0.2150)	414.55
VIR	21.79	386.2641	3	2.7	387.2725	7.14	6.8949E7	6048	0.1168	Good	Non-Toxin (0.3100)	386.49
SHK	20.03	370.1965	3	3.3	371.205	6.97	2.8206E6	5873	0.1155	Good	Non-Toxin (0.3400)	370.41
VDL	26.31	345.19	3	2	346.1979	18.43	9.4985E8	20394	0.1141	Good	Non-Toxin (0.2250)	345.40
VLAI	20.32	414.2842	4	2.1	415.2924	23.29	4.2704E6	26834	0.1126	Good	Non-Toxin (0.1900)	414.55
LAT	24.49	303.1794	3	1.3	304.1871	2.08	1.0833E8	4084	0.1122	Good	Non-Toxin (0.1500)	303.36
VPSIE	23.16	543.2904	5	2.1	544.2988	20.26	5.8956E8	22563	0.1121	Good	Non-Toxin (0.1250)	543.62
VLA	23.85	301.2001	3	2.7	302.2082	7.26	5.823E8	5871	0.1112	Good	Non-Toxin (0.1750)	301.39
TSL	25.7	319.1743	3	3.4	320.1827	8.4	3.0863E7	8010	0.1108	Good	Non-Toxin (0.2350)	319.36
LVVDL	21.78	557.3425	5	-0.2	558.3496	35.54	4.5864E6	42220	0.1107	Good	Non-Toxin (0.1900)	557.69
LPVE	22.85	456.2584	4	3.7	457.2673	17.93	7.4793E8	20044	0.1093	Good	Non-Toxin (0.2850)	456.54
QVY	24.29	408.2009	3	-1.2	409.2077	12.57	4.4483E6	12313	0.1090	Good	Non-Toxin (0.0800)	408.45
ATSGELATDLVQVR	42.34	1458.7678	14	6.1	730.3956	32.29	2.4496E6	37992	0.1086	Good	Non-Toxin (0.1100)	1459.62
LAAG	22.34	372.2372	4	0.7	373.2448	19.1	1.0759E7	20959	0.1070	Good	Non-Toxin (0.0950)	372.46
VLVG	20.57	386.2529	4	2.1	387.261	15.95	2.3041E7	16819	0.1054	Good	Toxin (0.3800)	386.49
IAAT	24.4	374.2165	4	-7.7	375.2209	35.66	2.5302E7	42211	0.1050	Good	Non-Toxin (0.1150)	374.44
TVIP	23.62	428.2635	4	0.8	429.2711	26.07	1.2958E9	30581	0.1050	Good	Non-Toxin (0.2550)	428.53
TSGELATDLVQVR	30.94	1387.7307	13	2.5	694.8744	31.69	7.1255E5	37199	0.1050	Good	Non-Toxin (0.1150)	1388.54
TPEI	21.02	458.2376	4	1.9	459.2458	19.49	9.0629E6	21493	0.1045	Good	Non-Toxin (0.1750)	458.51
QLV	21.9	358.2216	3	1.3	359.2294	14.6	2.9559E7	15393	0.1043	Good	Non-Toxin (0.1500)	358.44
TIGT	22.98	390.2115	4	2.5	391.2197	7.45	1.975E7	6502	0.1039	Good	Non-Toxin (0.1850)	390.44
ITVAP	21.54	499.3006	5	1.2	500.3085	24.34	4.8593E7	28056	0.1031	Good	Non-Toxin (0.1550)	499.61
NVL	21.28	344.206	3	2	345.2139	14.38	4.0603E8	16494	0.1029	Good	Non-Toxin (0.2550)	344.41
IGVT	21.89	388.2322	4	3	389.2406	17.53	5.143E8	18838	0.1029	Good	Non-Toxin (0.1150)	388.46
TVP	26.65	315.1794	3	0.9	316.187	13.97	7.5473E8	15778	0.1027	Good	Non-Toxin (0.1450)	315.37
LSAV	22.11	388.2322	4	2.6	389.2405	13.62	2.7195E8	14643	0.1004	Good	Non-Toxin (0.2500)	388.46
AVLK	22.44	429.2951	4	2.5	430.3035	4.64	5.4239E6	3124	0.0996	Good	Toxin (0.5850)	429.56
VTP	24.07	315.1794	3	0.9	316.187	13.97	1.9292E8	15009	0.0984	Good	Non-Toxin (0.1250)	315.37
AEL	22.42	331.1743	3	3.2	332.1826	12.75	1.6944E6	12719	0.0975	Good	Non-Toxin (0.2750)	331.37
VVP	20.7	313.2001	3	1.2	314.2078	22.99	1.088E8	26244	0.0960	Good	Non-Toxin (0.1200)	313.40
LSVA	20.48	388.2322	4	2.6	389.2405	13.62	2.7195E8	14685	0.0943	Good	Non-Toxin (0.3700)	388.46
TVAP	20.07	386.2165	4	1	387.2242	14.6	1.6232E8	16819	0.0936	Good	Non-Toxin (0.1750)	386.45
IVAI	22.3	414.2842	4	1.4	415.2921	24.02	1.2473E8	27627	0.0933	Good	Non-Toxin (0.2800)	414.55
VDAI	21.17	416.2271	4	0.9	417.2347	16.33	5.099E7	18702	0.0926	Good	Non-Toxin (0.1450)	416.47
AIV	23.19	301.2001	3	2.6	302.2082	14.62	6.74E7	15234	0.0926	Good	Non-Toxin (0.2450)	301.39
IFRT	20.15	489.2911	4	-9.3	490.2938	36.04	3.6189E6	42843	0.0914	Good	Non-Toxin (0.1700)	489.57
VALK	20.95	429.2951	4	3.4	430.3038	10.21	6.292E6	9209	0.0910	Good	Toxin (0.6500)	429.56
ITVL	24.75	444.2948	4	4.4	445.304	28.14	1.0333E8	33841	0.0876	Good	Non-Toxin (0.1200)	444.57
VSAI	25.34	388.2322	4	1.7	389.2401	16.71	3.8079E7	17761	0.0875	Good	Non-Toxin (0.2000)	388.46
DVVSL	23.91	531.2904	5	4.1	532.2999	29.23	1.5611E7	33825	0.0874	Good	Non-Toxin (0.0850)	531.61
TTSP	25.14	404.1907	4	1.5	203.1029	5.79	0	4349	0.0874	Good	Non-Toxin (0.1300)	404.42
KVL	26.23	358.258	3	1.7	359.2659	21.12	1.7281E9	23822	0.0859	Good	Toxin (0.6300)	358.48
TVDP	21.16	430.2064	4	1.9	431.2144	13.19	1.219E7	13105	0.0859	Good	Non-Toxin (0.0850)	430.46
VDLK	24.33	473.2849	4	2.3	474.2933	13.22	2.0635E6	13363	0.0855	Good	Toxin (0.4550)	473.57
VPVT	21.84	414.2478	4	3.4	415.2565	11.05	8.3687E7	11042	0.0835	Good	Non-Toxin (0.1500)	414.50
TVGI	27.05	388.2322	4	3.1	389.2407	20.77	5.3157E7	24641	0.0812	Good	Non-Toxin (0.2950)	388.46
TAI	22.78	303.1794	3	1.3	304.1871	2.08	5.7596E8	3152	0.0802	Good	Non-Toxin (0.1700)	303.36
TPVT	26.97	416.2271	4	1.8	417.2351	6.23	4.3982E8	5245	0.0798	Good	Non-Toxin (0.1550)	416.47
VDLS	22.46	432.222	4	1.7	433.23	13.89	6.4257E7	14388	0.0795	Good	Non-Toxin (0.3000)	432.47
DIV	25.07	345.19	3	3.8	346.1985	12.85	1.9985E8	12644	0.0793	Good	Non-Toxin (0.1450)	345.40
VAI	25.48	301.2001	3	1.2	302.2078	17.71	1.1745E9	19396	0.0782	Good	Non-Toxin (0.2500)	301.39
LVVVL	20.62	541.3839	5	5.5	542.3942	37.33	1.0253E6	44784	0.0781	Good	Non-Toxin (0.2000)	541.73
DAV	24.68	303.143	3	0.3	304.1504	7.51	1.4685E6	6541	0.0758	Good	Non-Toxin (0.0850)	303.32
VVDL	25.11	444.2584	4	2	445.2665	22.76	5.1766E8	25996	0.0740	Good	Non-Toxin (0.1200)	444.53
DTI	26.12	347.1693	3	1.1	348.1769	8.41	3.8914E7	7316	0.0740	Good	Non-Toxin (0.2350)	347.37
VSLT	25.1	418.2427	4	2.6	419.2511	16.56	7.3224E6	17870	0.0739	Good	Non-Toxin (0.1450)	418.49
IIVT	27.07	444.2948	4	3.7	445.3037	19.96	6.8984E7	22306	0.0720	Good	Non-Toxin (0.1400)	444.57
TATSGELATDLVQVR	38.22	1559.8154	15	6.4	780.92	32.81	4.0842E5	38771	0.0718	Good	Non-Toxin (0.1150)	1560.72
VTPP	27.64	416.2271	4	0.8	417.2347	16.33	1.6023E8	19311	0.0705	Good	Non-Toxin (0.1000)	416.47
VEGI	23.8	416.2271	4	1	417.2348	22.38	3.5665E7	25821	0.0697	Good	Non-Toxin (0.2000)	416.47
VLAT	22.76	402.2478	4	4.1	403.2568	10.49	3.7798E7	10469	0.0696	Good	Non-Toxin (0.1150)	402.49
VSI	26.49	317.1951	3	3.6	318.2035	18.29	4.7808E8	20504	0.0693	Good	Non-Toxin (0.3000)	317.39
VLAU	24.03	400.2686	4	2	401.2766	21.65	6.9078E8	25160	0.0686	Good	Non-Toxin (0.1100)	400.52
VVSL	26.04	416.2635	4	1.9	417.2715	22.03	2.335E7	25821	0.0675	Good	Non-Toxin (0.1600)	416.52
IVAS	24.91	388.2322	4	1.2	389.2399	7.42	9.488E6	5663	0.0672	Good	Non-Toxin (0.2250)	388.46
LSE	23.07	347.1693	3	1.1	348.1769	8.41	3.8914E7	9180	0.0640	Good	Non-Toxin (0.3100)	347.37
TVTP	23.3	416.2271	4	1.7	417.2351	8.26	2.0357E8	9596	0.0632	Good	Non-Toxin (0.1000)	416.47
LVAT	20.3	402.2478	4	4.1	403.2568	10.49	2.2019E7	10522	0.0622	Good	Non-Toxin (0.1950)	402.49
VSI	25.1	418.2427	4	2.6	419.2511	16.56	7.3224E6	17870	0.0620	Good	Non-Toxin (0.0600)	418.49
LSVT	23.76	418.2427	4	1.9	419.2508	15.85	5.0471E6	17035	0.0619	Good	Non-Toxin (0.2400)	418.49
LTAV	23.22	402.2478	4	2.2	403.256	18.08	3.29E8	21708	0.0617	Good	Non-Toxin (0.0900)	402.49
LSVV	20.21	416.2635	4	0.4	417.2709	21.61	1.1858E7	24062	0.0597	Good	Non-Toxin (0.2950)	416.52
LIT	20.02	333.19	3	1.4	334.1978	1.6	1.9117E8	4472	0.0597	Good	Non-Toxin (0.1650)	333.38
AVLE	20.09	430.2427	4	2.4	431.251	20.66	8.7578E7	25813	0.0597	Good	Non-Toxin (0.2050)	430.50
VATI	25.64	402.2478	4	0.9	403.2555	26.15	1.0053E7	30744	0.0588	Good	Non-Toxin (0.2100)	402.49
VGVV	26.55	372.2372	4	2.8	373.2455	16.71	2.0401E9	18028	0.0582	Good	Toxin (0.4300)	372.47
VVLN	24.41	443.2744	4	0.7	444.282	15.26	2.3848E7	16024	0.0576	Good	Non-Toxin (0.1450)	443.54
ITK	22.83	360.2372	3	1.2	361.2449	1.51	7.759E6	684	0.0567	Good	Non-Toxin (0.1950)	360.45
TVY	24.46	381.19	3	1.9	382.198	11.45	2.6658E7	10979	0.0560	Good	Non-Toxin (0.0950)	381.43
IVK	23.26	358.258	3	0.9	359.2656	7.09	5.809E7	7501	0.0540	Good	Toxin (0.4150)	358.48
KIV	24.18	358.258	3	1.7	359.2659	21.12	1.2412E7	21851	0.0538	Good	Toxin (0.5600)	358.48
VGVG	27.23	372.2372	4	2.8	373.2455	16.71	8.1495E7	17829	0.0529	Good	Toxin (0.4300)	372.47
VLVK	20.31	457.3264	4	1.1	458.3342	7.44	1.6468E6	6280	0.0523	Good	Toxin (0.4500)	457.61
LVV	20.22	329.2314	3	3.3	330.2398	20.84	1.2326E8	23764	0.0508	Good	Non-Toxin (0.2250)	329.44
VVVL	21.61	428.2999	4	2.4	429.3082	26.42	8.3982E7	30768	0.0503	Good	Non-Toxin (0.1150)	428.57

DLVE	20.05	474.2325	4	0.2	475.2399	20.51	8.6011E6	22759	0.0495	Good	Non-Toxin(0.1700)	474.51
IVTN	23.13	445.2537	4	-1	446.2605	27.91	3.5715E7	32681	0.0493	Good	Non-Toxin(0.1300)	445.52
ETL	24.05	361.1849	3	3.1	362.1933	10.89	9.5875E6	9695	0.0490	Good	Non-Toxin(0.1700)	361.40
IVT	25.18	331.2107	3	3.1	332.219	8.39	5.6928E8	7136	0.0477	Good	Non-Toxin(0.1150)	331.41
VTSI	24.17	418.2427	4	2.7	419.2512	24.82	4.8373E6	28696	0.0475	Good	Non-Toxin(0.1100)	418.49
TIV	24.6	331.2107	3	2.8	332.2189	14.1	6.5914E8	14887	0.0465	Good	Non-Toxin(0.1450)	331.41
EVL	27.49	359.2056	3	1.3	360.2134	23.31	1.7151E8	26773	0.0462	Good	Non-Toxin(0.2000)	359.42
VLE	20.04	359.2056	3	3	360.214	13.06	6.1121E7	14624	0.0457	Good	Non-Toxin(0.3450)	359.42
DVK	24.64	360.2009	3	1	361.2085	8.08	2.9745E7	6872	0.0455	Good	Non-Toxin(0.2300)	360.41
VTLV	23.32	430.2791	4	4.4	431.2883	22.93	2.0538E7	26428	0.0443	Good	Non-Toxin(0.1650)	430.54
ATVQ	20.17	417.2224	4	2.6	418.2307	3.9	3.0994E8	3598	0.0433	Good	Non-Toxin(0.1450)	417.46
ITV	23.74	331.2107	3	3.1	332.219	8.39	5.6928E8	11863	0.0431	Good	Non-Toxin(0.0650)	331.41
VGVE	21.3	402.2114	4	1.6	403.2194	5.56	1.6842E8	9162	0.0425	Good	Non-Toxin(0.2850)	402.45
LTTV	22.71	432.2584	4	2.3	433.2667	15.31	1.9784E7	15617	0.0405	Good	Non-Toxin(0.1000)	432.52
VITI	21.87	432.2584	4	2.3	433.2667	15.31	3.8243E7	15988	0.0403	Good	Non-Toxin(0.0550)	432.52
VDVT	21.99	432.222	4	2.7	433.2305	10.27	1.7313E7	9261	0.0398	Good	Non-Toxin(0.0650)	432.47
LEV	25.83	359.2056	3	2.3	360.2137	14.66	1.5049E8	15685	0.0387	Good	Non-Toxin(0.2350)	359.42
EIV	24.04	359.2056	3	2.3	360.2137	14.66	1.5049E8	15809	0.0375	Good	Non-Toxin(0.3450)	359.42
IVE	25.73	359.2056	3	-0.2	360.2128	19.1	2.3926E8	20789	0.0367	Good	Non-Toxin(0.3100)	359.42
TEI	22.9	361.1849	3	3.1	362.1933	10.89	9.5875E6	10565	0.0362	Good	Non-Toxin(0.1850)	361.40
IVEV	21.21	458.274	4	-1.4	459.2807	23.44	9.6138E6	26877	0.0314	Good	Non-Toxin(0.3100)	458.56
VTK	23.07	346.2216	3	1.4	347.2294	7.28	8.8861E5	5811	0.0281	Good	Non-Toxin(0.1700)	346.43
VVVK	21.19	443.3108	4	-1.8	222.6622	14.82	2.0762E7	15535	0.0275	Good	Non-Toxin(0.3100)	443.59
VVVT	24.62	416.2635	4	0.6	417.271	12.63	1.4367E7	12600	0.0252	Good	Non-Toxin(0.0550)	416.52
VTVT	21.3	418.2427	4	2	419.2509	13.2	4.6386E7	13915	0.0251	Good	Non-Toxin(0.0750)	418.49
EVK	22.51	374.2165	3	1.8	375.2245	7.81	6.0279E7	5506	0.0238	Good	Non-Toxin(0.2700)	374.44
TVVV	20.17	416.2635	4	3.6	417.2722	18.08	1.749E7	20175	0.0232	Good	Non-Toxin(0.0550)	416.52