

Supplementary Table 2. Peptides from derivatised nitrated human serum albumin identified by Maxquant

Sequence	Length	Missed cleavages	Mass	Leading razor protein	Start position	End position	Gene names	Protein names	Charges	PEP	Score	Intensity	id	Mod. peptide IDs	Evidence IDs	MS/MS IDs	Best MS/MS	DBCO-S-CAM site IDs	Nitro (Y) site IDs	Oxidation (M) site IDs	Oxidation (Y) site IDs
DAHKSEVAHR	10	1	1148.569	P02768	25	34	ALB	Serum albumin	2,3	0.004779	83.869	0	22	23	31;32	32;33	32				
FKDLGEENFK	10	1	1225.598	P02768	35	44	ALB	Serum albumin		3	0.006844	80.737	0	48	51	61	62				
DLGEEENFK	8	0	950.4345	P02768	37	44	ALB	Serum albumin	2	0.018069	106.68	3323400	25	26	35	36					
LVNEVTEFAK	10	0	1148.608	P02768	66	75	ALB	Serum albumin	2	3.05E-13	169.82	7471800	101	106	123;124	126;127	126				
TCVADESAENCDK	13	0	1497.571	P02768	76	88	ALB	Serum albumin	2	0.000169	121.18	9260	145	152	174	177					
SLHTLFGDK	9	0	1016.529	P02768	89	97	ALB	Serum albumin	2	1.21E-10	166.07	2366600	137	144	166	169					
LCTVATLR	8	0	932.5113	P02768	98	105	ALB	Serum albumin	2	0.007166	109.48	0	81	86	99	101					
ETYGEMADCCAK	12	0	1433.526	P02768	106	117	ALB	Serum albumin	2	6.38E-05	129.34	278570	42	43;44	52;53	53;54			2		
NECFLOHK	8	0	1074.492	P02768	123	130	ALB	Serum albumin	2	1.78E-07	147.29	1030400	110	115	134	137					
DDNPNLPR	8	0	939.441	P02768	131	138	ALB	Serum albumin	2	6.58E-07	141.52	2673100	23	24	33	34					
LVRPEVDVMCTAFHNEETFLK	22	1	2649.257	P02768	139	160	ALB	Serum albumin	3,4	1.18E-09	145.88	1379300	102	107	125;126	128;129	128			3	
KYLYEIAR	8	1	1054.581	P02768	161	168	ALB	Serum albumin	2	3.94E-06	131.62	188540	80	85	98	100					
YLYEIAR	7	0	926.4862	P02768	162	168	ALB	Serum albumin	2	5.36E-06	128.57	1881400	168	175;176	204;205	208;209	208				
AAFTCCQAADK	12	0	1370.56	P02768	187	198	ALB	Serum albumin	2	0.011848	80.312	0	1	1	2	2					
AACLLPK	7	0	771.4313	P02768	199	205	ALB	Serum albumin	2	1.08E-07	133.99	1274300	0	0	0;1	0;1	0				
LDLRLDEGK	9	1	1073.535	P02768	206	214	ALB	Serum albumin	2	2.69E-09	150.81	391730	82	87	100	102					
LSQRFPK	7	1	874.5025	P02768	243	249	ALB	Serum albumin	2	0.005854	89.296	0	97	102	118	120					
AEFAEVSKLVTDLTK	15	1	1649.888	P02768	250	264	ALB	Serum albumin	2,3	7.89E-06	114.54	14424	4	4	7;8	7;8	8				
LVTDLTK	7	0	788.4644	P02768	258	264	ALB	Serum albumin	2	0.000148	113.41	5026000	103	108	127	130					
VHTECCGDLLECAADDR	17	0	2085.83	P02768	265	281	ALB	Serum albumin	3	0.000171	113.11	87313	157	164	190	194					
YICENQDSISSK	12	0	1442.635	P02768	287	298	ALB	Serum albumin	2	4.97E-25	217.12	4036700	166	173	201;202	205;206	206				
LKECECK	7	1	965.431	P02768	299	305	ALB	Serum albumin	2	2.18E-05	116.9	28692	90	95	110	112					
SHQAEVENDEMPADLPslaADFVESK	27	0	2973.337	P02768	311	337	ALB	Serum albumin	3	1.32E-08	120.33	76293	134	141	163	166				4	
RHPDYSVLLLR	12	1	1466.836	P02768	361	372	ALB	Serum albumin	3	1.53E-13	171.32	595650	128	134;135	154;155	157;158					0
HPDYSVLLLR	11	0	1310.735	P02768	362	372	ALB	Serum albumin	2	1.81E-06	143.24	2543500	66	69;70	80;81	81;82;83	81				0
TYETTLK	8	0	983.4811	P02768	376	383	ALB	Serum albumin	2	0.000719	112.41	4493100	151	158	180;181	183;184	183				
CCAAADPHCEYAK	13	0	1551.591	P02768	384	396	ALB	Serum albumin	2,3	8.73E-05	126.5	308040	16	17	24;25	25;26	25				
VFDEFKPLVEEPQNLIK	17	1	2044.088	P02768	397	413	ALB	Serum albumin	2,3	1.80E-15	180.93	6792800	156	163	188;189	192;193	192				
PLVEEPQNLIK	11	0	1278.718	P02768	403	413	ALB	Serum albumin	2	6.78E-10	163.84	2032700	120	125	144	147					
QNCELFEQLGEYK	13	0	1656.745	P02768	414	426	ALB	Serum albumin	2,3	1.86E-39	247.73	3009100	124	129;130	148;149;150	151;152;153	151				1
FQNALLVR	8	0	959.5553	P02768	427	434	ALB	Serum albumin	2	6.58E-07	141.52	5194000	51	54	64	65					
KVPQVSTPTLVEVSR	15	1	1638.931	P02768	438	452	ALB	Serum albumin	3	4.89E-07	134.4	18951	79	84	97	99					
VPOVSTPTLVEVSR	14	0	1510.836	P02768	439	452	ALB	Serum albumin	2,3	5.25E-05	127.05	968270	160	167	193;194;195	197;198;199	197				
CCTESLVNR	9	0	1137.491	P02768	500	508	ALB	Serum albumin	2	1.94E-13	172.59	1285700	17	18	26	27					
RPCFSALEVDETYVPK	16	1	1909.924	P02768	509	524	ALB	Serum albumin	2,3	6.72E-11	163.62	1151700	130	137	157;158;159	160;161;162	161				
PCFSALEVDETYVPK	15	0	1753.823	P02768	510	524	ALB	Serum albumin	2	3.17E-14	172.82	98620	118	123	142	145					
EFNAETFTTHADICTLSEK	19	0	2259.015	P02768	525	543	ALB	Serum albumin	2	7.05E-34	219.99	22479	35	36	45	46					
QTAIVELVK	9	0	999.5965	P02768	550	558	ALB	Serum albumin	2	5.52E-17	161.51	5328100	125	131	151	154					
ATKEQLK	7	1	816.4705	P02768	563	569	ALB	Serum albumin	2	0.015781	67.169	0	13	13	17	17					
AVMDDFAAFVEK	12	0	1341.628	P02768	570	581	ALB	Serum albumin	2,3	8.65E-10	158.34	6152400	15	15;16	19;20;21;22;23	19;20;21;22;23;24	19			1	
ADDKETCFAEEGK	13	1	1498.625	P02768	585	597	ALB	Serum albumin	2,3	8.16E-19	193.11	1683400	2	2	3;4	3;4	4				
ADDKETCFAEEGKK	14	2	1626.72	P02768	585	598	ALB	Serum albumin	2,4	3.59E-25	205.62	38995	3	3	5;6	5;6	6				
ETCFAEEGK	9	0	1069.439	P02768	589	597	ALB	Serum albumin	2	3.02E-06	134.77	1549700	41	42	51	52					
KLVAASQAALGL	12	1	1140.687	P02768	598	609	ALB	Serum albumin	2	0.002034	108.72	423210	76	81	94	96					
LVAASQAALGL	11	0	1012.592	P02768	599	609	ALB	Serum albumin	2	2.12E-13	172.56	4096100	99	104	120	122;123	122				