

Proteomic profiling of ovine milk after grading up

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Table S1. The whey proteome profiles of STH, F1 and F2 sheep.

STH: Small-Tailed Han sheep; F1: DM (♂) × STH (♀); F2: DM (♂) × F1 (♀).

Accession	Gene Name	Description	Coverage [%]	Peptides	PSMs	Unique Peptides	AAs	MW [kDa]	calc. pI	ST H_1	ST H_2	ST H_3	ST H_4	F1_ 1	F1_ 2	F1_ 3	F1_ 4	F2_ 1	F2_ 2	F2_ 3	F2_ 4
P67976		Beta-lactoglobulin-1/B OS=Ovis aries OX=9940 PE=1 SV=1	82	22	9692	22	180	19.9	5.6	121.8	92.9	117	54.6	112.5	96.7	91.2	110	96.2	95.2	100.1	119.8
W5PWE9	ALB	Serum albumin OS=Ovis aries OX=9940 GN=ALB PE=4 SV=1	74	63	4680	2	609	69.3	6.15	90.3	93.6	53.7	77.6	122.6	128.1	112	116	110	78.1	124.7	111.2
P14639	ALB	Serum albumin OS=Ovis aries OX=9940 GN=ALB PE=1 SV=1	76	64	4715	3	607	69.1	6.15	92.6	134.7	99.9	71.4	126.8	88.3	104.3	123	114	107	100.9	109.8
P11839	CSN2	Beta-casein OS=Ovis aries OX=9940 GN=CSN2 PE=1 SV=3	52	10	2496	7	222	24.9	5.35	112.2	75.8	103.3	93.5	119.4	76.3	65.5	98.3	91.1	114	141	96.5
W5QD52	LALB A	Alpha-lactalbumin OS=Ovis aries OX=9940 GN=LALBA PE=3 SV=1	43	12	2375	3	142	16.2	5.3	80.4	77.1	77.3	27.6	117.4	93.8	80.9	124	143	114	82.6	134.3
W5P9V5	PIGR	Uncharacterized protein OS=Ovis aries OX=9940 GN=PIGR PE=4 SV=1	49	26	1220	26	782	85.4	7.75	97.8	89.7	80.7	70.8	104.7	70.8	86.8	87.5	118	158	121.3	131.8
D3G9G3	LF	Lactoferrin OS=Ovis aries OX=9940 GN=LF PE=3 SV=1	66	45	1472	42	708	77.2	8.02	53.7	103.1	202.3	188.7	57.2	130.9	81.3	76.4	66.8	83.2	55.8	50
W5PZ11	LOC101113728	Clusterin OS=Ovis aries OX=9940 GN=LOC101113728 PE=3 SV=1	54	27	1601	27	439	51	6.07	51.9	93.5	90.7	109.8	83.3	157.3	196.6	91.4	85.1	63.5	49	89.7
W5PSQ7		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	43	10	1375	10	235	25.1	6.18	99.2	87.7	102.1	105.9	84	76.4	65.8	84.3	122	121	119.8	101.6
W5P5T4	LOC101108131	NTR domain-containing protein OS=Ovis aries OX=9940 GN=LOC101108131 PE=4 SV=1	52	39	1202	10	901	102.6	6.25	133.9	109.2	138.2	139.5	90.7	136.2	114.2	74.7	82.5	76.1	73	85.8
P09462	LALB A	Alpha-lactalbumin OS=Ovis aries OX=9940 GN=LALBA PE=1 SV=2	42	10	1371	1	142	16.3	5.02	183.2	152.7			267.4	223.8			285	242		

W5NPK5	LOC443475	A2M_recep domain-containing protein OS=Ovis aries OX=9940 GN=LOC443475 PE=4 SV=1	61	35	944	6	653	73.6	7.55	135.9	108.7	152.9	130	91	133.5	114.4	77.4	80.4	76.9	67.7	85.3
W5NRI1		A2M_N_2 domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	60	36	969	36	680	75	8.63	138.5	108.1	149.8	133.1	88.2	135.9	115.6	77.7	77	75.3	65.2	84.3
R4R2H5		Beta-casein (Fragment) OS=Ovis aries OX=9940 PE=4 SV=1	87	4	818	1	45	5	9.7	102.5	79	90.4	140.7	87.7	76.8	55	101	102	100	146.9	65.9
W5PH95		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	26	10	606	7	464	50.4	6.61	130.8	124.6	101.1	96.7	66.6	73.9	83.5	92.3	109	103	95.1	99.1
W5PF65	TF	Uncharacterized protein OS=Ovis aries OX=9940 GN=TF PE=3 SV=1	79	53	924	48	704	77.3	6.81	81.2	123	92.3	72.6	125.4	114.4	122.2	126	107	90.3	124.1	124.2
W5PGP1	LPO	Uncharacterized protein OS=Ovis aries OX=9940 GN=LPO PE=4 SV=1	54	33	740	1	717	80.9	8.37	134.4	105.5		104.6	123.3	143.5		168	100	162		186.4
Q9MZY2		Airway lactoperoxidase OS=Ovis aries OX=9940 PE=1 SV=1	54	34	748	2	712	80.4	8.69		116.7		96.2		118.6		158		401		147.4
W5PMT0	XDH	Uncharacterized protein OS=Ovis aries OX=9940 GN=XDH PE=4 SV=1	47	52	736	52	1329	146.5	7.8	134	135.9	128.3	125.4	92.9	94.1	94.6	78.1	90.9	81.7	98	113.4
O46544	C3	Complement component C3 (Fragment) OS=Ovis aries OX=9940 GN=C3 PE=2 SV=1	54	16	517	1	349	39.7	6.55	111.4	100	129.4	88.7	104.8	106.7	103.7	112	113	80.4	76.3	84.8
D2D3I8	CSN1S1	Alpha s1 casein OS=Ovis aries OX=9940 GN=CSN1S1 PE=2 SV=1	65	15	757	1	214	24.3	5.43	137.8	102.4	157.6	114.8	78	137.6	87.6	116	98.5	68.5	70.4	87.3
W5NXW9	IGHM	Immunoglobulin heavy constant mu OS=Ovis aries OX=9940 GN=IGHM PE=4 SV=1	70	19	471	19	456	49.9	5.68	108.2	82.8	78.3	71.1	100.3	55.6	75.9	74.9	94.7	174	126.6	152.8
W5PNP1	MFGE8	Uncharacterized protein OS=Ovis aries OX=9940 GN=MFGE8 PE=4 SV=1	55	23	522	23	432	48.3	7.31	101.7	115.4	108.5	93.6	73.8	92	76.4	74	66.8	81.3	119.3	125.9
W5PFC9	LOC101117129	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101117129 PE=3	64	35	482	33	705	77.9	6.61	135.2	111.3	105.7	84.8	99.9	116.1	95.2	106	72.5	97.5	88	110.3

		SV=1																			
W5NX51	APOA1	Apolipoprotein A1 OS=Ovis aries OX=9940 GN=APOA1 PE=3 SV=1	63	18	488	18	259	29.5	6.2	78	93.2	75.6	77.5	118.4	90.1	114.5	109	109	101	103.7	103.9
P02669	CSN3	Kappa-casein OS=Ovis aries OX=9940 GN=CSN3 PE=1 SV=2	32	5	423	5	192	21.4	6.16	87.5	113.1	89.9	152.1	113	85.8	109.8	113	92.7	78.8	118.5	57.3
W5PGE9		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	66	12	388	12	352	37.7	5.21	90	70.5	108.6	113.9	92.3	95.3	53.1	68.3	147	128	174.4	95.3
E7BQS5	CSN1S2	Alpha-s2-casein OS=Ovis aries OX=9940 GN=CSN1S2 PE=2 SV=1	77	21	518	3	223	26.3	7.87	102.1	103.1	59.4	67.1	87	94.5	129.2	92.6	125	88.9	138.8	156.1
D2DRB7	CSN1S1	Alpha-s1-casein variant OS=Ovis aries OX=9940 GN=CSN1S1 PE=2 SV=1	64	15	673	1	206	23.5	6.2				559.8				478				271.3
P04654	CSN1S2	Alpha-S2-casein OS=Ovis aries OX=9940 GN=CSN1S2 PE=2 SV=1	71	20	499	2	223	26.3	7.85	140.8		154.5	165.6	128.3		122.4	108	143		95.2	85
A0A3R5SS76		Actg1 OS=Ovis aries OX=9940 PE=2 SV=1	54	16	315	1	375	41.8	5.48	76.3		88.7	251.8	87.6		124.7	156	110		220.7	55.2
P60713	ACTB	Actin, cytoplasmic 1 OS=Ovis aries OX=9940 GN=ACTB PE=2 SV=1	54	16	319	1	375	41.7	5.48		110.6	95.2	297.4		137.3	122.9	92.5		106	193.2	68.9
W5Q7I2		Ig-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	27	6	263	3	275	30.9	5.86	68	90	118.8	64.1	94.6	90.6	82.9	115	122	87.5	95.1	94.2
W5PS94	NUCB1	Uncharacterized protein OS=Ovis aries OX=9940 GN=NUCB1 PE=4 SV=1	61	28	409	27	460	53.5	5.24	103.6	104.3	98.4	71.2	100.3	95.6	94.5	105	109	98.7	93	107
W5PTH1	GC	Uncharacterized protein OS=Ovis aries OX=9940 GN=GC PE=4 SV=1	65	26	378	26	476	53.4	5.3	97.4	96.1	89.6	80.9	105.6	91.9	97.4	120	110	108	102.9	94.6
W5Q5H8	FGA	Fibrinogen alpha chain OS=Ovis aries OX=9940 GN=FGA PE=4 SV=1	38	32	365	32	812	89.2	6.27	75.4	95.7	97.1	60.9	111.5	75.3	89.4	115	94.9	150	102.8	102.8
W5QHZ5		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	38	7	215	7	242	26.6	8.29	65.5	109.1	45	68.1	112.1	57.3	47.2	83.9	126	126	192.4	98.9
W5NXP6		Anaphylatoxin-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	59	8	284	2	122	14.1	5.12	146.2	111.9	155.8	118	96.2	141.2	110.2	96.7	71.7	69.2	70.6	92.4
W5NTD9	CHI3L	Chitinase-3-like protein 1	50	19	265	19	453	50.6	9.35	65.8	108.	104	161	95.	144.	156	82.	78.	76.4	71.	68.

	1	OS=Ovis aries OX=9940 GN=CH13L1 PE=3 SV=1									5	.3	.1	2	1	.3	3	6		3	2			
W5NP7	BTN1 A1	Uncharacterized protein OS=Ovis aries OX=9940 GN=BTN1A1 PE=4 SV=1	45	21	438	18	526	59.2	5.21	118. 7	119. 2	93. 5	106 .3	88. 6	85.3	90. 9	96. 6	98. 5		92.2	95. 7	99. 8		
W5PAJ2	PSAP	Prosaposin OS=Ovis aries OX=9940 GN=PSAP PE=4 SV=1	58	26	351	26	525	58.1	5.11	78.2	70.8	62. 7	70. 2	112 .9	71.5	87. 6	73. 9		109	123		118 .8	141	
W5QH56	AHSG	Alpha-2-HS-glycoprotein OS=Ovis aries OX=9940 GN=AHSG PE=4 SV=1	39	12	282	12	423	45.4	6.47	79.1	100. 7	76. 2	65. 7	116 .2	100. 1	102 .3		114	123	121		134 .7	109 .3	
A6NBZ0		Complement component 3d (Fragment) OS=Ovis aries OX=9940 PE=2 SV=1	45	12	334	1	303	34.3	6.65					390 .2				463					312	
W5PPQ8	JCHAI N	Uncharacterized protein OS=Ovis aries OX=9940 GN=JCHAIN PE=4 SV=1	52	8	230	8	159	18.1	6.93	89.3	75.1	115 .1	107 .8	95. 1	96.1	57. 9	73. 5		142	127		161 .3	101 .6	
W5P0Q4	LOC10 110241 3	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101102413 PE=3 SV=1	49	19	331	19	416	46.2	8.29	46.9	90.3	103 .9	140 .5	63. 8	145. 1	143 .9	97. 5	53. 1		84.4		98. 5	67. 2	
W5Q3I2	GLYC AM1	Uncharacterized protein OS=Ovis aries OX=9940 GN=GLYCAM1 PE=4 SV=1	52	8	690	8	154	17.1	5.57	94.5	92.7	71. 4	44. 8	120 .9	125. 7	138 .9		153	117		86.2	107 .8	101 .6	
W5PJR5	LOC10 112121 6	Serum amyloid A protein OS=Ovis aries OX=9940 GN=LOC101121216 PE=3 SV=1	54	10	323	6	147	15.9	9.7	62.1	110. 8	105 .9	206 .7	60. 9	182. 1	181 .2	67. 8	51. 5		55.2		59. 1	49. 7	
W5NX56	SPP1	Osteopontin OS=Ovis aries OX=9940 GN=SPP1 PE=4 SV=1	50	13	388	13	279	31.2	4.56	109. 6	119. 7	99. 2	94. 8	136 .8	103. 9	161	96. 2	90		96.5		75. 4	102 .4	
W5QCD6	IDH1	Isocitrate dehydrogenase [NADP] OS=Ovis aries OX=9940 GN=IDH1 PE=3 SV=1	74	26	306	2	414	46.7	6.8	110. 3	163. 2	93. 1	91. 1		110	105. 4	122 .5		103	110		59.3	99. 3	104 .7
W5NXM1		A2M domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	58	9	264	1	152	17.3	8.7	135. 9	109. 3	149 .4	124	92. 6	136. 1	111 .8	87. 2	80. 7		77.4		71. 8	89. 1	
F2YQ13	GSN	Gelsolin isoform b OS=Ovis aries OX=9940 GN=GSN PE=2 SV=1	39	26	269	26	731	80.7	5.85	94	99.8	103 .9	89. 6	99. 5	101. 2	91. 4	97. 1		106	108		105	97. 6	
W5NQ46	FGB	Fibrinogen beta chain OS=Ovis aries OX=9940	45	18	223	18	494	56.6	7.72	65.3	95.8	96. 8	50. 2	113 .8	73.9	89	113		95. 6	143		103 .6	110 .7	

		GN=FGB PE=4 SV=1																			
Q6XUZ5	IDH1	Isocitrate dehydrogenase [NADP] cytoplasmic OS=Ovis aries OX=9940 GN=IDH1 PE=2 SV=1	71	25	305	1	414	46.8	6.8	128. 1	51	106 .2	58. 4	102 .5	171. 3	129	70. 8	97. 4	75.7	107 .4	133 .5
W5PZJ1	SCGB 2A2	Uncharacterized protein OS=Ovis aries OX=9940 GN=SCGB2A2 PE=4 SV=1	51	4	185	4	84	9.4	4.65	202. 6	116. 5	123 .9	126 .8	90. 5	174. 3	138 .4	111	78. 3	46	70. 1	90. 2
W5NY95	C2	Uncharacterized protein OS=Ovis aries OX=9940 GN=C2 PE=3 SV=1	32	34	283	26	1244	138.3	7.93	104. 3	100. 4	114 .3	103 .1	96. 6	91.7	90. 4	100	94. 9	102	84. 9	91. 9
I1WXR3	SERPI NA1	Alpha-1-antitrypsin transcript variant 1 OS=Ovis aries OX=9940 GN=SERPINA1 PE=2 SV=1	38	18	298	18	416	46	6.2	109. 9	105. 3	77. 6	82. 5	100	102. 8	94. 7	110	103	100	119 .1	102 .5
W5PIC2	NUCB 2	Uncharacterized protein OS=Ovis aries OX=9940 GN=NUCB2 PE=4 SV=1	55	23	266	22	441	52.4	5.15	92.5	84.8	83. 7	55. 8	109 .2	96.2	101 .4	121	129	122	85. 8	122 .8
W5NSA6	A2M	Uncharacterized protein OS=Ovis aries OX=9940 GN=A2M PE=4 SV=1	32	39	249	39	1477	164.1	6.02	88.5	93.9	98. 6	79	73. 6	92.6	90	110	103	112	101 .7	106 .1
W5PMH6	LCN2	Lipoicl_n_cytosolic_FA-bd_ domain domain-containing protein OS=Ovis aries OX=9940 GN=LCN2 PE=3 SV=1	54	10	247	10	200	23.1	9.51	85.2	72.8	99. 3	120 .9	88	103. 1	59. 4	86	124	94.9	102 .1	85
W5QH23	MASP 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=MASP1 PE=3 SV=1	39	19	206	19	581	65.6	5.43	140. 4	126. 7	97. 8	66. 1	102 .3	86	90. 8	121	83. 9	102	96. 2	121
P42819	SAA1	Serum amyloid A protein OS=Ovis aries OX=9940 GN=SAA1 PE=1 SV=1	79	10	283	7	112	12.7	6.57	58.6	119. 1	82. 8	142 .7	94. 7	166	205 .2	100	71. 4	56.7	52	70. 7
W5P5I3	CFI	Uncharacterized protein OS=Ovis aries OX=9940 GN=CFI PE=3 SV=1	46	22	188	22	618	68.6	7.68	77.1	106. 3	113 .4	113 .1	81. 3	102. 2	99. 5	93. 6	86. 3	95.7	77. 4	79. 3
W5PID9	C9	MACPF domain-containing protein OS=Ovis aries OX=9940 GN=C9 PE=4 SV=1	48	21	217	21	548	61.9	6	98.5	105. 5	84. 1	71. 8	131 .2	87.9	102	143	97. 7	111	109	98. 5
W5NPN4	HSPA 8	Uncharacterized protein OS=Ovis aries OX=9940 GN=HSPA8 PE=3 SV=1	43	26	220	20	651	71.4	5.74	102. 1	105. 3	98. 2	166 .8	91. 5	94.2	83. 8	76. 9	103	89.3	119 .8	73. 3

W5P8R7	FCGBP	Uncharacterized protein OS=Ovis aries OX=9940 GN=FCGBP PE=4 SV=1	22	40	211	40	2544	271.1	4.91	71.6	75.2	89.4	54.7	101.1	87	91.5	75.6	85.2	101	84.1	120.5
W5Q5A6	FGG	Fibrinogen C-terminal domain-containing protein OS=Ovis aries OX=9940 GN=FGG PE=4 SV=1	57	23	235	23	434	49.2	6.13	63.4	97.5	96.8	52	115.7	72.6	89	115	91.1	148	103.3	103.8
W5P7P7		SERPIN domain-containing protein OS=Ovis aries OX=9940 PE=3 SV=1	34	12	203	11	452	50.3	7.55	79.2	90.8	84.7	78.7	109.5	69.8	117.5	113	121	129	93	82.7
W5Q124	LOC101119509	SERPIN domain-containing protein OS=Ovis aries OX=9940 GN=LOC101119509 PE=3 SV=1	42	17	200	14	417	46.6	5.73	101.3	105.8	81.2	82.1	111.4	90.8	137.7	131	77.8	110	86.7	79.8
W5NWM2	APOA4	Apolipoprotein A4 OS=Ovis aries OX=9940 GN=APOA4 PE=3 SV=1	51	19	207	19	370	41.5	5.76	80	99.7	73.4	74.8	112.9	98.9	118.9	117	119	101	111	101.2
W5NXL7		Ig-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	23	3	99	1	186	19	5.45	48	50.5	57.4	44.5	62.6	61.9	64.9	101	169	188	193.8	127.2
W5P8F9		BPI1 domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	27	5	130	5	254	28.1	4.98	77.9	68.2	133.9	40.4	148.1	179.1	64.9	68.2	74.4	80.1	68.9	134.9
W5QGM9	MELTF	Uncharacterized protein OS=Ovis aries OX=9940 GN=MELTF PE=3 SV=1	52	29	197	29	739	80.5	5.9	123.1	124.5	174.4	109.3	89.1	74.4	79	90.9	80.5	98.4	60.5	92.8
D8X187	SERPINB1	Serpin peptidase inhibitor clade B ovalbumin member 1 OS=Ovis aries OX=9940 GN=SERPINB1 PE=2 SV=1	46	17	177	17	377	42.2	6.57	74.5	98.7	82.5	196.5	56.5	95.3	99.4	71	80.4	75.9	142.7	60.9
W5PZD0	LOC101110099	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101110099 PE=4 SV=1	36	4	239	4	111	12.6	9.13	206.1	104.4	114.9	156.7	88.4	183	150.9	94.4	74.1	51.9	64.5	82.3
W5PAJ3	BPIFB1	BPI1 domain-containing protein OS=Ovis aries OX=9940 GN=BPIFB1 PE=4 SV=1	42	14	137	14	473	51.7	6.8	91.9	84	145.7	90.6	109.1	123	105.6	91.7	103	105	78.1	110.1
P32262	SERPINC1	Antithrombin-III OS=Ovis aries OX=9940 GN=SERPINC1 PE=2	47	20	194	20	465	52.5	6.86	91.4	102	83.1	81.1	100.8	93	100.4	108	119	101	106.4	97.9

		SV=1																			
W5PH81	C7	Uncharacterized protein OS=Ovis aries OX=9940 GN=C7 PE=4 SV=1	37	29	220	29	844	93.3	7.11	121. 4	98	95. 1	77	86. 4	75.6	81. 5	86. 6	106	111	97. 2	118 .2
W5P559		Lipocln_cytosolic_FA-bd_ dom domain-containing protein OS=Ovis aries OX=9940 PE=3 SV=1	52	7	179	7	143	15.4	8.9	40.5	157. 1	23. 5	87. 8	52. 2	50	87. 7	126	197	41.7	90. 7	107 .6
K4P494	CST3	Cystatin C OS=Ovis aries OX=9940 GN=CST3 PE=2 SV=1	47	6	112	6	146	16.1	9.25	92.6	91.7	98. 5	76. 1	94. 6	102. 6	91. 9	104	99. 9	96.6	98. 5	99. 3
W5NRH2		Anaphylatoxin-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	51	8	219	4	126	14.6	6.98	141	107. 7	144	131	86. 9	134. 8	121 .6	83. 3	69. 8	78.6	67. 4	88. 6
P83205	CTSB	Cathepsin B OS=Ovis aries OX=9940 GN=CTSB PE=1 SV=2	45	12	164	12	335	36.7	6.13	69.4	80.2	83. 7	91. 9	102 .6	106. 6	102 .3	83. 6	114	107	85	119 .4
W5P6E0	OS9	PRKCSH domain-containing protein OS=Ovis aries OX=9940 GN=OS9 PE=4 SV=1	51	32	229	32	668	76	4.92	92.6	95.3	93. 8	70. 4	91. 8	86.3	97. 7	106	114	99.8	98. 2	106 .8
W5P4S0	CP	Ceruloplasmin OS=Ovis aries OX=9940 GN=CP PE=3 SV=1	42	31	207	31	1061	120.6	5.71	101. 3	95.4	100 .2	74. 9	100 .4	98.5	103 .1	112	97	121	93. 1	100 .7
W5QDG7	FN1	Uncharacterized protein OS=Ovis aries OX=9940 GN=FN1 PE=4 SV=1	19	35	173	35	2478	271.9	5.54	112. 8	109. 8	87. 7	78. 5	77. 8	83.7	101	93. 5	91	105	97. 1	108 .7
W5QAB1	HPX	Uncharacterized protein OS=Ovis aries OX=9940 GN=HPX PE=4 SV=1	38	17	216	17	460	51.9	7.02	71.5	66	100 .2	79. 6	104 .8	115. 2	103 .5	103	102	122	83. 6	99. 8
W5NU39	FABP 3	FABP domain-containing protein OS=Ovis aries OX=9940 GN=FABP3 PE=3 SV=1	76	10	178	10	133	14.8	6.57	110. 6	116. 4	101 .9	84. 7	119 .1	124. 5	114 .8	94. 4	98. 6	89.7	111 .9	136 .5
D6PZY4	fH	Factor H (Fragment) OS=Ovis aries OX=9940 GN=fH PE=2 SV=1	28	26	194	8	1111	125.3	6.71	117. 5	128. 7	103 .2	64. 1	83. 5	72	78. 2	93. 8	101	104	88. 4	110 .3
W5P1W2	FOLR 3	Folate_rec domain-containing protein OS=Ovis aries OX=9940 GN=FOLR3 PE=4 SV=1	44	9	175	8	264	30.5	8.07	100. 9	100. 9	120 .9	119 .7	110 .3	128. 2	100 .6	102	79. 8	89.5	79. 2	90. 2
W5PTR5	HSPA 5	Uncharacterized protein OS=Ovis aries OX=9940	52	29	192	26	656	72.5	5.2	107. 2	99.5	105 .4	107 .9	93. 7	98.3	99. 6	112	104	95.9	94. 8	88. 2

		GN=HSPA5 PE=3 SV=1																			
W5QFH1	ACTC 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=ACTC1 PE=3 SV=1	27	9	176	1	378	42.1	5.96	80.7	89.8	80. 2	187 .2	82. 7	94.5	95. 5	74. 3	110	83.2	134 .5	64
Q6RUR7		Butyrophilin (Fragment) OS=Ovis aries OX=9940 PE=4 SV=1	50	4	124	1	130	14.1	5.16	114. 1	130	113 .4	153 .9	99	80.8	81. 7	77. 8	100	92.7	100	81. 9
W5NUX8	LOC10 112367 2	NTR domain-containing protein OS=Ovis aries OX=9940 GN=LOC101123672 PE=4 SV=1	27	34	181	5	1544	169.3	8.29	108. 5	108. 2	106 .6	81. 5	98. 4	101. 2	118 .4	123	93	111	82. 8	97. 5
W5PHI7	LOC10 111689 2	SERPIN domain-containing protein OS=Ovis aries OX=9940 GN=LOC101116892 PE=3 SV=1	52	8	165	3	203	22.7	5.1	99.6	95.5	89. 7	74	101 .7	75.3	102 .3	119	113	123	102 .9	91
A6ZE99	ADFP	Perilipin OS=Ovis aries OX=9940 GN=ADFP PE=2 SV=1	52	21	148	21	450	49.3	8.03	114	127. 8	124 .3	145 .5	101 .6	94.3	87. 1	86. 7	91. 8	83.7	102 .9	85. 9
W5P7W2	SDF4	Uncharacterized protein OS=Ovis aries OX=9940 GN=SDF4 PE=4 SV=1	54	16	161	16	351	40.4	4.92	96.4	101. 8	85. 2	58. 4	99. 4	97.5	109 .3	118	112	106	94. 9	111 .9
F5CC79	B4GA LT1	Beta-1,4-galactosyltransfer ase 1 OS=Ovis aries OX=9940 GN=B4GALT1 PE=2 SV=1	32	10	127	10	402	44.8	8.85	114. 4	107. 4	111 .9	79. 9	95. 5	97.6	101 .5	102	98. 1	85.2	84	115 .8
W5QFP0	THBS 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=THBS1 PE=4 SV=1	27	30	160	30	1286	141.1	5.08	66.7	87.9	84. 1	94. 7	85. 3	79.7	142 .3	109	115	117	82. 4	91
W5NSH8	NPC2	ML domain-containing protein OS=Ovis aries OX=9940 GN=NPC2 PE=4 SV=1	59	9	155	9	149	16.4	7.99	104. 6	86.2	130 .6	79. 1	85. 7	103. 6	86. 7	85. 5	91. 4	84.2	70. 7	105 .2
W5PDD0	LCPI	Uncharacterized protein OS=Ovis aries OX=9940 GN=LCPI PE=4 SV=1	54	28	139	28	628	70.4	5.5	82.9	76.5	78. 1	193 .5	77. 9	102. 9	98. 6	69. 3	102	82.8	125 .8	65. 6
W5Q0X5	LOC10 111557 6	SERPIN domain-containing protein OS=Ovis aries OX=9940 GN=LOC101115576 PE=3 SV=1	41	13	183	4	279	31.8	5.95	155. 5	180. 8	59. 6	126 .6	77.9		128	112	135		173 .6	
W5Q5W1	SIL1	Uncharacterized protein OS=Ovis aries OX=9940	41	17	125	17	467	53.1	5.67	101. 5	100. 9	94. 5	71. 8	93. 8	89.2	99. 4	100	106	97.1	101 .5	119 .2

		GN=SIL1 PE=4 SV=1																			
W5PIG7	ENO1	Uncharacterized protein OS=Ovis aries OX=9940 GN=ENO1 PE=3 SV=1	50	17	116	17	443	48.2	6.87	90.1	93.3	115 .5	210 .2	76 .7	121 .4	87 .9	68 .3	83 .6	75.4	112 .9	60
W5Q5G8	TKT	TRANSKETOLASE_1 domain-containing protein OS=Ovis aries OX=9940 GN=TKT PE=4 SV=1	39	18	122	18	623	67.8	7.47	96.4	109. 3	100 .6	136 .7	103 .7	116 .1	107 .6	99 .8	90 .1	80.7	102 .9	79. 3
W5NU00		A2M domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	37	31	161	1	1043	113.7	8.15				177 .9				518				376 .3
O02762		Apolipoprotein A1 (Fragment) OS=Ovis aries OX=9940 PE=2 SV=1	29	1	64	1	56	6.6	4.72	71.6	94.8	74. 7	71. 9	124	89.4	121 .3	108	110	100	101 .8	107 .7
W5PSD8	GP2	ZP domain-containing protein OS=Ovis aries OX=9940 GN=GP2 PE=4 SV=1	34	18	185	18	533	59	4.86	82.7	98.6	67. 9	62. 6	121 .7	87.7	108 .3	121	118	94.8	80. 4	122
A4ZVY8		Beta-2-microglobulin OS=Ovis aries OX=9940 PE=2 SV=1	65	6	143	6	118	13.6	6.92	112. 3	100. 2	133 .4	78. 9	91. 2	84.5	84. 1	102	89. 2	96.3	82. 7	107 .7
W5QBZ7	NAGA	Alpha-galactosidase OS=Ovis aries OX=9940 GN=NAGA PE=3 SV=1	25	9	94	9	415	46.8	5.29	82.9	85.8	81. 1	69. 5	78. 1	83.2	86. 8	90. 9	111	112	111 .1	124
W5Q9H2	P4HB	Protein disulfide-isomerase OS=Ovis aries OX=9940 GN=P4HB PE=3 SV=1	50	23	136	23	511	57.1	4.94	105. 6	99.2	97. 6	113 .3	100 .9	94.1	112 .3	100	98. 1	98	92. 1	96. 5
W5PJZ1	SERPI NG1	SERPIN domain-containing protein OS=Ovis aries OX=9940 GN=SERPING1 PE=3 SV=1	24	11	131	11	521	57.1	5.92	109. 2	89.4	101 .6	60. 8	90. 7	80.5	86. 7	109	104	134	93. 5	114 .9
B6UV62	SERPI NF1	SERPINF1 OS=Ovis aries OX=9940 GN=SERPINF1 PE=2 SV=1	45	16	136	16	416	45.9	7.96	90.7	88.9	83. 5	67. 7	98. 7	96.9	99. 8	112	120	121	109 .3	111 .7
W5PN97	CLEC 3B	C-type lectin domain-containing protein OS=Ovis aries OX=9940 GN=CLEC3B PE=4 SV=1	50	8	85	8	205	22.3	5.64	91.8	96.7	80. 6	73. 5	103 .9	85.4	103	112	123	111	106 .4	102 .3
W5P684	ACTB L2	Uncharacterized protein OS=Ovis aries OX=9940 GN=ACTBL2 PE=3 SV=1	27	9	126	3	376	41.9	5.48				922 .3				277				195
W5Q160	KRT10	IF rod domain-containing protein OS=Ovis aries	17	10	112	5	545	57.2	5.5	128. 9	89.9	73. 2	70. 5	95. 4	75	92. 8	81. 6	103	105	87	143

		OX=9940 GN=KRT10 PE=3 SV=1																			
A0A286SF73	CD14	Monocyte differentiation antigen CD14 OS=Ovis aries OX=9940 GN=CD14 PE=2 SV=1	40	10	102	10	373	39.6	5.73	90.6	72.7	91.8	59.9	105.7	94.5	94.8	103	99.8	103	102	117
W5Q9A2	AZGP1	Alpha-2-glycoprotein 1, zinc-binding OS=Ovis aries OX=9940 GN=AZGP1 PE=3 SV=1	41	11	109	11	313	35.4	6.02	89.4	98.9	94.1	79.5	102.1	94.9	109.8	86.2	122	107	100.3	135.3
W5P6F4	C5	Uncharacterized protein OS=Ovis aries OX=9940 GN=C5 PE=4 SV=1	20	29	126	29	1680	188.8	6.65	105.1	96.6	111	78.6	87.8	102.5	90.8	104	102	112	93.8	104.5
W5NRG7	ITIH4	Uncharacterized protein OS=Ovis aries OX=9940 GN=ITIH4 PE=4 SV=1	26	22	113	22	917	101.8	6.4	109.8	81.9	88.5	85.7	93.9	76.6	91.9	109	100	138	99.8	89.5
W5NQP5	SOD3	Superoxide dismutase [Cu-Zn] OS=Ovis aries OX=9940 GN=SOD3 PE=3 SV=1	31	6	91	6	244	26.4	6.79	100.1	105.7	97.6	69.5	96.8	104.8	105.2	115	106	96.7	88.1	116.8
W5PTS4	RNAS E4	RNAse_Pc domain-containing protein OS=Ovis aries OX=9940 GN=RNASE4 PE=3 SV=1	56	7	80	7	147	16.8	9.01	82.2	110.3	99.1	77.7	90	108.1	103.2	93.5	84.6	101	99.3	97.4
W5PRG8	CREG1	Uncharacterized protein OS=Ovis aries OX=9940 GN=CREG1 PE=3 SV=1	29	5	67	5	252	27.1	6.98	78.3	98.2	64.4	69.5	103.8	92.4	80.2	84.3	101	97	94.5	141.3
Q9XSM0	PTGDS	Prostaglandin-H2 D-isomerase OS=Ovis aries OX=9940 GN=PTGDS PE=1 SV=1	37	5	70	5	191	21.2	6.55	146.4	95.1	124.5	59.7	59.4	83	134.6	110	76.1	87.5	55.6	62.7
W5P6V4	GLG1	Uncharacterized protein OS=Ovis aries OX=9940 GN=GLG1 PE=4 SV=1	36	30	113	30	957	110.1	6.89	117	104.1	95.5	72.3	103.8	97.3	101.1	100	99.4	101	95.8	120
W5QGD1	LDHB	L-lactate dehydrogenase OS=Ovis aries OX=9940 GN=LDHB PE=3 SV=1	35	11	73	9	337	36.8	6.24	84.6	84.9	79.4	178	85.7	103.2	97.3	82.6	87.3	79.3	123.5	61.9
W5NXM6	PTX3	LamGL domain-containing protein OS=Ovis aries OX=9940 GN=PTX3 PE=4 SV=1	48	15	70	15	380	41.7	5.3	75.8	108.4	99.5	164.4	109.5	81.4	153.7	75.7	114	127	74.6	69
W5P9M9	LOC11103862	SERPIN domain-containing protein OS=Ovis aries OX=9940	48	17	83	9	391	44.4	6.21	77.1	86.5	77.2	219.9	56.5	109.2	89.3	65.3	85.1	60.6	148.2	57.4

		GN=LOC101103862 PE=3 SV=1																				
W5P4R1	MSN	FERM domain-containing protein OS=Ovis aries OX=9940 GN=MSN PE=4 SV=1	44	30	104	23	665	77.5	7.77	95.9	87.5	87.	194	75.	109.	97.	69	85.	91.9	124	57.	
												3	.7	2	3	4		1		.9	4	
W5PFB9	ALPL	Alkaline phosphatase OS=Ovis aries OX=9940 GN=ALPL PE=3 SV=1	31	11	78	11	459	50.3	6.8	139.	108.	102	143	89.	92.5	118	110	94.	97	100	77.	
										2	6	.3	.6	8		.8		7		.3	8	
C5IJ88		Rab GDP dissociation inhibitor OS=Ovis aries OX=9940 PE=2 SV=1	56	19	106	15	445	50.4	6.25	113.	108.	105	132	106	108.	101	89.	97.	95.8	97.	92.	
										7	9	.4	.7	.8	1	.3	2	4		3	4	
Q9MZS8	CTSD	Cathepsin D (Fragment) OS=Ovis aries OX=9940 GN=CTSD PE=1 SV=1	33	10	95	7	365	39.8	6.98	75.6	67.4	74	83.	108	81.2	72.	78.		105	111	114	125
													2	.9		5	6			.3	.4	
W5NXN2		FERM domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	43	25	121	2	553	65.4	6	103.		103	101	185	79.	128.	100	77.	85.	79.5	106	62.
										3				.3	1	1	.5	6	9		2	
W5PSA1	TCN1	DUF4430 domain-containing protein OS=Ovis aries OX=9940 GN=TCN1 PE=4 SV=1	28	11	76	11	440	49.2	8.85	124	226.	56.	147	66.	64.5	215		85	150	53.2	61	103
											9	3	.7	2		.3					.2	
P54230	CATH L1A	Cathelicidin-1 OS=Ovis aries OX=9940 GN=CATHL1A PE=2 SV=1	63	10	65	9	155	17.6	7.59	71.5	90.7	100	212	65.	93.1	93.	61	71.	88.1	107	61	
												.2	.6	4		7		5		.1		
W5P7S6	LOC10 110394 7	Alpha-1-acid glycoprotein OS=Ovis aries OX=9940 GN=LOC101103947 PE=3 SV=1	47	11	121	11	202	23.2	5.31	89.9	39.7	75.	160	79.	67.6	184	83.	59.	194	47	55	
												4	.6	6			9	2				
W5Q687	KRT5	IF rod domain-containing protein OS=Ovis aries OX=9940 GN=KRT5 PE=3 SV=1	20	14	94	4	597	62.7	7.81	174.	83.9	49.	52	90.	83.7	63.	88.	87	120	72.	132	
										8		1		1		1	6			8	.2	
W5PAT6	AGRN	Uncharacterized protein OS=Ovis aries OX=9940 GN=AGRN PE=4 SV=1	18	30	102	30	2043	215.6	5.94	86.5	83.3	100	78.	89.	85.2	103	126	87.	109	81.	89.	
												.7	7	6				3		5	7	
W5NX91	RPS27 A	Ubiquitin-like domain-containing protein OS=Ovis aries OX=9940 GN=RPS27A PE=4 SV=1	27	5	85	5	171	19.2	9.58	124.	118	109	134	92.	107.	94.	94.	97	83.7	101	95.	
										3		.1	.6	1	6	8	8			.9	9	
W5NQW4	LOC10 110448 2	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101104482 PE=4	19	22	76	1	1488	165.6	6.42		173.		157		109.		150		306		276	
											8		.1		1						.6	

		SV=1																				
W5NQW9	LOC101104482	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101104482 PE=4 SV=1	19	22	75	1	1481	165.5	6.48			462				326					319	
												.9				.5					.5	
W5P101	A1BG	Ig-like domain-containing protein OS=Ovis aries OX=9940 GN=A1BG PE=4 SV=1	30	12	113	12	490	51.9	8.57	86.5	95.4	78.	68.	92.	78.3	92.	112	125	116	109	103	
												7	5	9		6					.7	.2
W5NVB2		SERPIN domain-containing protein OS=Ovis aries OX=9940 PE=3 SV=1	39	7	107	1	168	18.6	8.4	110.		108	88.	138		158	151	153		114	131	
										5		.2	1	.8		.7					.9	.4
W5NYJ9	AGT	Angiotensinogen OS=Ovis aries OX=9940 GN=AGT PE=3 SV=1	35	11	63	11	485	52.1	6.89	88.4	98.2	104	80.	101	84.2	91.	116	122	113	98.	93.	
												.9	5			3				9	2	
W5Q6N3	LOC101115115	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101115115 PE=3 SV=1	18	9	87	9	472	52.8	8.35	140.	160.	90.	185	105	68.1	67.	68.	64.	84.3	127	77.	
										8	7	4	.2	.9		9	2	4		.7	4	
W5PFF9		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	20	21	117	3	1218	137.9	6.93	246.				164			181	178			206	
										5				.1							.6	
W5PU70		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	6	24	107	24	4781	503.2	5.49	133.	114.	98.	108	97.	94	89	96.	97.	98.2	120	101	
										5	9	3	.9	1			7	6			.4	
W5PSK1	HYOU1	Uncharacterized protein OS=Ovis aries OX=9940 GN=HYOU1 PE=4 SV=1	29	21	92	21	1002	111.4	5.26	101.	94.9	104	88.	94.	94.8	100	110	93.	105	88	100	
										9		.1	5	7		.2		2			.5	
W5NV75	BAC5	Uncharacterized protein OS=Ovis aries OX=9940 GN=BAC5 PE=3 SV=1	46	7	91	6	186	21	9.16	84.6	78.7	56.	258	84.	98.9	82.	50.	76.	78.6	189	46.	
												3	.8	3		9	8	8		.6	1	
W5P7X5	WFDC2	Uncharacterized protein OS=Ovis aries OX=9940 GN=WFDC2 PE=4 SV=1	71	6	68	6	100	10.5	4.77	183.	86.4	124	97.	82.	95.2	106	100	73.	134	106	107	
										1		.6	1	3		.4		1		.3	.6	
W5Q268	APOH	Uncharacterized protein OS=Ovis aries OX=9940 GN=APOH PE=4 SV=1	29	9	103	9	345	38.1	8.07	100.	103.	96.	71.	95.	92	95.	118	118	108	102	101	
										5	6	3	4	2		8				.2	.7	
W5NZ47	RBP4	Retinol-binding protein OS=Ovis aries OX=9940 GN=RBP4 PE=3 SV=1	56	6	48	6	165	18.9	5.22	78.8	95.5	72.	73	101	103.	118	113	126	109	101	102	
												9		.3	1					.9		
W5Q611	KRT1	IF rod domain-containing protein OS=Ovis aries OX=9940 GN=KRT1	6	6	60	3	756	75.8	8.7	147	90.7	51	63.	91.	94.2	77.	84.	88.	102	77.	128	
													4	4		4	2	1		5	.8	

		PE=3 SV=1																			
P49929		Cathelin-related peptide SC5 OS=Ovis aries OX=9940 PE=1 SV=1	58	9	88	6	160	17.7	8.98	73.8	29.6	56. 2	203 .6	62. 3	97.2	65. 6	60. 2	77. 3	61.8	196	58. 5
W5NVV6	DNAJ C3	Uncharacterized protein OS=Ovis aries OX=9940 GN=DNAJC3 PE=4 SV=1	43	20	107	20	505	58.2	5.91	88.8	112. 6	91. 5	123 .4	82	110. 3	143 .6	92. 4	108	89.8	68. 6	83. 1
C8BKD1	F2	Prothrombin OS=Ovis aries OX=9940 GN=F2 PE=2 SV=1	41	19	87	19	623	70	6.61	78	98.2	84. 1	66. 6	94. 4	86.2	93. 4	111	108	98.7	106	104 .9
W5P0W4	SEMA 7A	Uncharacterized protein OS=Ovis aries OX=9940 GN=SEMA7A PE=3 SV=1	42	21	88	21	614	69.6	6.83	99.9	108. 6	100 .1	73. 5	91. 5	92.3	100	106	101	97	84. 6	109 .8
W5P8I3	RIDA	Uncharacterized protein OS=Ovis aries OX=9940 GN=RIDA PE=4 SV=1	69	8	50	8	137	14.3	8.12	82.6	86.4	87. 9	175 .4	78. 4	98.8	93. 9	77. 1	94	93.3	117 .6	75
A8DR93	HSPC A	Heat shock protein alpha OS=Ovis aries OX=9940 GN=HSPCA PE=3 SV=1	35	23	66	16	733	84.7	5.01	89.2	90.4	92. 4	181 .5	85. 4	107. 2	105 .5	74. 1	106	104	102 .9	65. 5
W5P707	ACTN 4	Uncharacterized protein OS=Ovis aries OX=9940 GN=ACTN4 PE=4 SV=1	45	33	70	26	877	101.3	5.69	88.6	94.2	88. 8	141 .7	91. 4	97.9	103 .6	87. 7	96. 4	85.5	114 .6	80. 5
W5Q0V2	BTD	CN hydrolase domain-containing protein OS=Ovis aries OX=9940 GN=BTD PE=4 SV=1	23	11	65	11	479	53.5	6.51	96.2	84.6	98. 6	73. 7	100 .6	102. 7	107	115	104	101	97. 5	94. 2
W5Q0L2	SERPI NA5	SERPIN domain-containing protein OS=Ovis aries OX=9940 GN=SERPINA5 PE=3 SV=1	32	12	69	12	468	52.3	9.31	95	110. 5	94. 4	78. 2	102 .4	91.4	125	119	123	103	80. 2	106 .6
W5NPP5	PRSS2 2	Peptidase S1 domain-containing protein OS=Ovis aries OX=9940 GN=PRSS22 PE=3 SV=1	34	6	45	6	319	34.4	8.21	72	105. 1	83. 7	102	103 .9	99.2	109 .3	107	129	99.2	89. 8	92. 9
W5QH54	FETU B	Uncharacterized protein OS=Ovis aries OX=9940 GN=FETUB PE=4 SV=1	36	13	60	13	387	42.6	7.44	105. 3	87.6	108 .1	89. 4	117 .7	117. 1	94	110	94. 9	113	100 .2	100 .7
P12303	TTR	Transthyretin OS=Ovis aries OX=9940 GN=TTR PE=2 SV=1	31	6	84	6	147	15.8	5.86	101	115. 4	101 .1	84. 4	109	97.7	84	101	106	101	113 .6	118 .8
W5NXP3	LOC10 111108 3	SERPIN domain-containing protein OS=Ovis aries OX=9940	30	6	82	4	205	22.7	4.86	109. 4	106	84. 4	75. 8	102 .5	77.3	132 .8	118	84. 6	110	75. 7	95. 8

		GN=LOC101111083 PE=3 SV=1																			
W5PG95	HSPA 1A	Uncharacterized protein OS=Ovis aries OX=9940 GN=HSPA1A PE=3 SV=1	31	15	82	10	643	70.4	5.92	98.1	95.8	74. 1	116 .3	92. 4	106	121 .8	105	99. 7	89.4	107 .6	90. 6
W5PI61	APOE	Apolipoprotein E OS=Ovis aries OX=9940 GN=APOE PE=3 SV=1	43	13	80	13	317	36.2	5.83	73.8	66.3	123 .9	70. 6	83. 2	75.4	77. 7	69. 7	78. 6	128	95. 1	93. 2
Q29524	LPL	Lipoprotein lipase OS=Ovis aries OX=9940 GN=LPL PE=2 SV=1	20	9	53	9	478	53.6	8.66	94.1	115. 6	90. 9	115 .5	87. 7	116	84. 6	93. 7	97. 9	86.1	106 .3	82. 9
C6JUQ0	PDIA3	Protein disulfide-isomerase OS=Ovis aries OX=9940 GN=PDIA3 PE=2 SV=1	44	21	89	21	505	57	6.65	88.6	104. 9	95	140 .2	86. 1	92.9	122 .5	105	104	100	91. 7	77. 8
W5PSM5	LSM4	U6 snRNA-associated Sm-like protein LSM4 OS=Ovis aries OX=9940 GN=LSM4 PE=3 SV=1	5	1	170	1	145	15.6	9.95	101. 6	112. 9	110 .1	46. 9	118 .4	66.7	63. 7	149	105	105	132 .6	108
W5P2V0	EZR	FERM domain-containing protein OS=Ovis aries OX=9940 GN=EZR PE=4 SV=1	40	23	97	1	551	65.2	6.65	216. 6			199 .2	205			190	219			193 .7
W5QCY8	LOC10 110543 7	GLOBIN domain-containing protein OS=Ovis aries OX=9940 GN=LOC101105437 PE=3 SV=1	76	10	66	4	146	16.2	7.3	65.3	86.1	64. 4	41. 8	86. 2	141. 6	80	101	154	89.7	152 .8	199 .9
W5QHU9	PPIB	Peptidyl-prolyl cis-trans isomerase OS=Ovis aries OX=9940 GN=PPIB PE=3 SV=1	42	10	75	10	216	23.7	9.32	98.4	94.2	118 .3	104 .7	88. 9	85.8	90. 5	105	104	106	77. 2	89
W5Q5V9	KRT3	IF rod domain-containing protein OS=Ovis aries OX=9940 GN=KRT3 PE=3 SV=1	12	11	71	2	620	64.7	8.91	129. 7	111	67. 7	74	96. 7	67	82. 1	79	95. 1	95.3	95. 7	116 .5
W5PVZ9	DAG1	Peptidase S72 domain-containing protein OS=Ovis aries OX=9940 GN=DAG1 PE=4 SV=1	18	12	63	12	900	97.9	8.78	101. 6	105. 8	102	82. 6	99. 8	105. 4	115 .8	110	106	88.5	91. 6	98. 3
W5NT93	ATP6 AP2	Uncharacterized protein OS=Ovis aries OX=9940 GN=ATP6AP2 PE=4 SV=1	36	11	55	11	402	44.1	6.11	97.4	99.2	105 .8	73. 3	91. 2	96.4	105	114	103	93.1	87. 9	98. 4
W5PSZ5	ANXA	Annexin OS=Ovis aries	51	15	43	15	346	38.8	6.58	92.3		109	261	70.		102	93.	84.		216	87.

	1	OX=9940 GN=ANXA1 PE=3 SV=1										.7	.1	7		.6	5	5		.8	9	
W5PSP9		Ig-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	33	3	51	1	127	13	7.97	115. 1	110. 6	113 .5		115 .2	114. 2	123 .5			189	153	145 .2	
W5PCE0	PLBD 2	Phospholipase B-like OS=Ovis aries OX=9940 GN=PLBD2 PE=3 SV=1	25	12	56	12	570	63.2	8.43	65.1	80.9	69. 8	81. 1	99. 9	70.8	88. 4	81. 9		116	121	108	115 .1
K4P1S5	PPIA	Peptidyl-prolyl cis-trans isomerase OS=Ovis aries OX=9940 GN=PPIA PE=2 SV=1	47	7	72	7	164	17.9	8.16	117. 5	100	109 .7	171 .9	76. 9	103. 6	83. 8	74. 9	93. 3	89		114 .8	71. 2
W5P3R3	PLG	Plasminogen OS=Ovis aries OX=9940 GN=PLG PE=3 SV=1	31	22	104	21	816	91.1	7.27	83.4	97.2	92. 6	96. 5	100 .5	83.7	109 .6		104	109	124	104 .3	89. 2
W5PW21	ITIH2	Uncharacterized protein OS=Ovis aries OX=9940 GN=ITIH2 PE=4 SV=1	18	16	66	16	946	105.9	7.66	108. 1	98.6	118 .5	58. 5	103 .9	80.3	89. 1	111	96. 8		131	79. 4	99. 8
W5PIN4	LDHA	L-lactate dehydrogenase OS=Ovis aries OX=9940 GN=LDHA PE=3 SV=1	25	8	41	6	361	39.7	8.37				911 .1				252					202 .2
W5Q665	LOC10 111743 1	IF rod domain-containing protein OS=Ovis aries OX=9940 GN=LOC101117431 PE=3 SV=1	16	8	74	1	459	49.7	5.01		364. 9				427. 3					358		
W5NV32		Lipocln_cytosolic_FA-bd_ dom domain-containing protein OS=Ovis aries OX=9940 PE=3 SV=1	8	2	49	2	172	19.1	5.6	43.4	152. 8	22. 5	89. 9	63. 3	54.1	83	119	181	50.7	92. 2	106 .9	
W5P9E2	LOC10 110361 2	SERPIN domain-containing protein OS=Ovis aries OX=9940 GN=LOC101103612 PE=3 SV=1	28	10	55	2	416	47	5.45	140. 5			431 .1	137				115	172			115 .4
W5PD71	CRP	Pentaxin OS=Ovis aries OX=9940 GN=CRP PE=3 SV=1	33	7	48	7	224	25.3	6.77	111. 7	83.9	96. 2	86. 7	82. 3	81.8	85. 3	114	106	121	83. 2	98	
W5PZU1	SELE NOF	Selenoprotein F OS=Ovis aries OX=9940 GN=SELENOF PE=4 SV=1	33	3	38	3	124	13.6	4.5	109. 2	92.8	121 .3	83	100 .3	72.2	85. 2	95. 7	103	93.8	86. 8	103 .7	
P68214	FGA	Fibrinogen alpha chain (Fragment) OS=Ovis aries	100	1	22	1	19	1.8	3.95	61.1	94.4	102 .4	47. 3	132 .9	80.5	102 .8	109	91. 6	148	89. 3	104 .8	

		OX=9940 GN=FGA PE=1 SV=1																				
W5PCV9	LAMA 3	Uncharacterized protein OS=Ovis aries OX=9940 GN=LAMA3 PE=4 SV=1	5	15	62	15	3334	366.9	7.09	84.2	90.5	126	139 .9	66. 8	107. 5	95. 6	93. 4	78. 6	108	79. 9	72. 3	
W5NVM6		Ig-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	31	2	36	1	139	14.8	8.85			377 .5				316 .4				406 .1		
Q6B7M7	CFL1	Cofilin-1 OS=Ovis aries OX=9940 GN=CFL1 PE=2 SV=3	64	9	52	9	166	18.5	8	84.1	109. 5	106 .8	178 .1	79	99.2	86	67. 9	89. 2	71.9	100 .4	71. 1	
W5PFP5	PLIN3	Perilipin OS=Ovis aries OX=9940 GN=PLIN3 PE=3 SV=1	21	8	34	7	449	48.2	5.71		125. 5	100. 7	119 .1	121 .7	74. 9	108. 6	90. 8	95. 7	123	106	99. 9	91. 7
W5Q6B8	KRT6 A	IF rod domain-containing protein OS=Ovis aries OX=9940 GN=KRT6A PE=3 SV=1	18	12	64	3	534	57.3	8.31		146. 1	73	61. 1	57	99. 9	63.1	87. 8	79. 3	99. 9	104	84. 4	175 .2
W5QGD8	MUC2 0	Uncharacterized protein OS=Ovis aries OX=9940 GN=MUC20 PE=4 SV=1	25	10	56	10	554	57.3	5.02	88.2	88.4	104 .1	77. 5	86. 2		87.3	100 .9	83. 9	123	108	117 .3	125
W5Q411	HSPA 13	Uncharacterized protein OS=Ovis aries OX=9940 GN=HSPA13 PE=4 SV=1	16	7	53	7	471	51.8	5.36	96.5	75.1	97. 4	82. 8	88. 1		90.1	91. 4	97. 6	108	88.6	93. 3	108 .3
W5QH45	KNG1	Uncharacterized protein OS=Ovis aries OX=9940 GN=KNG1 PE=4 SV=1	32	13	69	1	436	48.7	6.54	77.7	107. 9	120 .6	100 .6	87. 3		88.5	71. 1	108	111	89.7	73	82. 5
Q5MIB5	PYGL	Glycogen phosphorylase, liver form OS=Ovis aries OX=9940 GN=PYGL PE=2 SV=3	33	28	55	28	851	97.4	6.79		166. 2		343 .3	115 .4				158	194		142 .7	
W5Q8K4	SLC3 A2	Aamy domain-containing protein OS=Ovis aries OX=9940 GN=SLC3A2 PE=4 SV=1	28	12	45	12	577	63.3	5.07	94.1	104. 3	83. 6	74. 6	99. 4		81.3	108 .5	115	136	106	116 .9	93. 8
W5NV16		Ig-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	24	2	39	1	182	19.5	10.2		148. 7	114. 5		97. 5	116. 7				138	265		
W5PY51	CCN1	Uncharacterized protein OS=Ovis aries OX=9940 GN=CCN1 PE=4 SV=1	25	8	53	8	382	41.9	8.07	62.9	84.4	74. 9	66. 6	99. 1	155. 6	144 .2	98. 6	119	85.5	65. 2	117 .1	
W5PBM9	SCPEP 1	Carboxypeptidase OS=Ovis aries OX=9940 GN=SCPEP1 PE=3 SV=1	24	8	36	8	452	50.9	6.38	76.7	101. 8	50. 3	56. 6	72. 1	143. 8	112 .3	116	154	68.8	87. 8	141 .1	

W5Q4Q3	SERP1 ND1	Serpin family D member 1 OS=Ovis aries OX=9940 GN=SERPIND1 PE=3 SV=1	20	8	55	8	497	54.6	7.34	88.1	107. 4	85. 4	76. 4	108 .4	88.4	106 .8	126	117	110	105	92. 9
A2P2H8	VH	VH region (Fragment) OS=Ovis aries OX=9940 GN=VH PE=2 SV=1	26	2	37	1	140	15	5.4				127			184					220 .1
W5NUD7	LOC10 111339 8	C-type lectin domain-containing protein OS=Ovis aries OX=9940 GN=LOC101113398 PE=4 SV=1	21	7	48	7	375	39.2	8.13	122. 1	87.7	78. 3	75. 5	83. 3	95.9	76. 2	108	97. 8	101	130	106 .5
W5Q6U0	FASN	Carrier domain-containing protein OS=Ovis aries OX=9940 GN=FASN PE=4 SV=1	14	25	58	25	2372	256.6	6.51	127. 9	124. 6	113 .7	139 .6	86. 4	139. 9	110 .4	87. 5	95. 6	63.7	60. 5	80. 2
C5IWU0	ARF1	ADP-ribosylation factor 1 OS=Ovis aries OX=9940 GN=ARF1 PE=2 SV=1	44	6	41	4	181	20.7	6.8	91	115. 5	96. 6	168 .1	113 .8	88.3	97. 1	76. 7	97. 3	90.6	100 .9	77. 5
W5P5M3	PGD	6-phosphogluconate dehydrogenase, decarboxylating OS=Ovis aries OX=9940 GN=PGD PE=3 SV=1	30	13	47	13	542	58.7	8.25	106. 5	114. 5	93. 2	131 .3	98. 3	97.1	86. 9	86	94. 9	95.8	102 .6	81. 5
W5P4H9		Peptidase A1 domain-containing protein OS=Ovis aries OX=9940 PE=3 SV=1	16	6	66	3	392	41.8	8.19	63.1	69.5	69. 7	83. 2	106 .3	69.7	85. 3	76. 8	118	129	109 .5	115 .4
W5PS45	MAN2 B1	Alpha-mannosidase OS=Ovis aries OX=9940 GN=MAN2B1 PE=3 SV=1	15	13	56	13	1003	113.3	8.22	76.1	79.4	81. 6	80 .1	102 3	100. 3	97	88. 9	112	108	96. 4	106 .5
W5PQK6	TLN1	Uncharacterized protein OS=Ovis aries OX=9940 GN=TLN1 PE=4 SV=1	18	37	51	37	2542	269.7	6.15				720 .2			309					273 .8
W5P6Q5	PFN1	Profilin OS=Ovis aries OX=9940 GN=PFN1 PE=3 SV=1	65	5	39	5	98	10.7	9.25	93.9	85.8	84. 6	190 .2	83. 2	92.8	80. 9	67. 8	97. 4	90	108 .8	69. 6
W5PBW1	SDS	PALP domain-containing protein OS=Ovis aries OX=9940 GN=SDS PE=4 SV=1	42	12	47	12	329	34.5	8.15	172. 7		496 .9	132 .9			109	190				103 .4
W5P2F1	FOLR 2	Folate_rec domain-containing protein OS=Ovis aries OX=9940	29	7	53	6	255	29.5	7.66	119. 3	109. 6	100 .2	104 .2	98. 7	119. 4	118 .7	87. 9	85. 9	90.8	85. 1	91

		GN=FOLR2 PE=4 SV=1																			
W5Q1W8	GNPT G	DMAP-interaction domain-containing protein OS=Ovis aries OX=9940 GN=GNPTG PE=4 SV=1	28	6	42	6	303	32.6	7.15	90.7	97.6	105 .6	58. 9	96	94.5	97. 7	105	108	89.5	93	115 .6
W5Q4E1	HSP90 B1	HATPase_c domain-containing protein OS=Ovis aries OX=9940 GN=HSP90B1 PE=3 SV=1	22	16	61	15	806	92.6	4.86	102. 7	96.4	91. 3	114 .7	87. 1	93.8	109 .3	98. 3	108	97.6	97. 7	93. 2
A2P2I3	VH	VH region (Fragment) OS=Ovis aries OX=9940 GN=VH PE=2 SV=1	7	1	42	1	142	15.1	8.78	83.9	82.9	78	54. 9	76. 7	75.4	96. 8	113	145	121	110 .5	114 .6
P68240		Hemoglobin subunit alpha-1/2 OS=Ovis aries OX=9940 PE=1 SV=2	40	6	49	6	142	15.2	8.68	44.7	80.9	46. 1	44. 4	81. 9	131. 5	57. 2	138	205	76.7	221 .9	180
W5QBJ2	SLC38 A10	Aa_trans domain-containing protein OS=Ovis aries OX=9940 GN=SLC38A10 PE=4 SV=1	25	14	54	14	840	89.9	5.47	111. 4	101. 1	96	65. 8	114	97.2	97. 3	105	103	97.4	96. 4	124 .4
W5PJR0	LOC10 112061 3	Serum amyloid A protein OS=Ovis aries OX=9940 GN=LOC101120613 PE=3 SV=1	21	4	92	2	177	20.3	8.82	83.1	177. 7		257	100	147		91. 4	106	109		86. 9
W5P6Q8	PLOD 2	Fe2OG dioxygenase domain-containing protein OS=Ovis aries OX=9940 GN=PLOD2 PE=4 SV=1	25	17	73	17	841	96.4	7.27	99	73.6	74. 5	98. 4	77. 2	91.8	93. 2	84. 8	112	99.9	102 .3	86. 8
C5IJ85		RAB1A OS=Ovis aries OX=9940 PE=2 SV=1	39	8	51	4	204	22.9	8.1	108. 1	118. 1	105 .3	123 .9	95. 7	88.7	82. 1	70. 7	106	102	124 .3	124 .2
W5QH46	KNG1	Uncharacterized protein OS=Ovis aries OX=9940 GN=KNG1 PE=4 SV=1	21	13	64	1	619	68.9	6.52	180. 5			133 .5	185 .1			244	270			204
W5NYA1	C2	Uncharacterized protein OS=Ovis aries OX=9940 GN=C2 PE=3 SV=1	19	14	68	3	731	80.6	8.34	142. 7	138. 6	145 .4		96. 7	120. 3	116 .3		188	141	112 .6	
W5QC34	MAN2 A1	Alpha-mannosidase OS=Ovis aries OX=9940 GN=MAN2A1 PE=3 SV=1	17	16	50	16	1144	130.4	7.59	101. 9	109. 8	127 .2	85. 8	94. 2	98.8	80. 7	104	91. 9	93.5	84. 3	103 .3
W5PHW0	HSP90 AB1	HATPase_c domain-containing protein OS=Ovis aries OX=9940 GN=HSP90AB1 PE=3	18	12	43	4	724	83.2	5.03				598 .3				297				313 .6

		SV=1																			
W5PQH2	ANPEP	Aminopeptidase OS=Ovis aries OX=9940 GN=ANPEP PE=3 SV=1	19	16	52	16	968	109.2	5.45	58.6	60.8	80.2	74.5	90.2	72.8	67.3	82.5	97.6	132	121	106.9
W5Q3P7	ITFG1	Uncharacterized protein OS=Ovis aries OX=9940 GN=ITFG1 PE=4 SV=1	14	7	45	7	612	67.8	5.38	106.6	103.4	93.1	67.8	94.9	90.2	96.5	119	113	100	88.7	104.8
W5NQJ0	S100A12	Protein S100 OS=Ovis aries OX=9940 GN=S100A12 PE=3 SV=1	61	7	52	7	92	10.8	5.47	106.9	79.8	83.2	197.3	60.8	104.3	100.3	69.4	73.1	71.4	150.4	69.2
W5QG24	PPT1	Uncharacterized protein OS=Ovis aries OX=9940 GN=PPT1 PE=4 SV=1	35	8	44	8	307	34.1	6.71	72.2	80.7	79.8	64.5	79.3	85.5	96.6	85.1	131	109	101.6	124.6
Q6YNX6	CALM2	Calmodulin OS=Ovis aries OX=9940 GN=CALM2 PE=2 SV=3	50	7	31	7	149	16.8	4.22	80.9	89.9	96.4	182.5	88.1	103.5	89.1	76.7	106	71.3	123.3	61.4
W5Q3W4	RAB18	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAB18 PE=4 SV=1	50	8	34	8	206	23	5.24	115.4	137.7	105.5	136.7	92.8	93.7	104.1	98.3	100	84.4	99.3	83.1
W5Q6L8	KRT17	IF rod domain-containing protein OS=Ovis aries OX=9940 GN=KRT17 PE=3 SV=1	18	9	57	2	436	48.6	5.26	125	90.1	52.3	67	102.6	96.2	99.2	81.2	95.5	95.1	81.3	146
W5PJG0	LOC1120613	Serum amyloid A protein OS=Ovis aries OX=9940 GN=LOC101120613 PE=3 SV=1	36	6	143	3	130	14.5	8.68	51.7	102	95.7	207.1	62.2	156.9	193.9	77.3	55.6	69.6	56.5	44.3
W5PNW7	VIM	Vimentin OS=Ovis aries OX=9940 GN=VIM PE=3 SV=1	33	15	44	14	467	53.7	5.16	91.3		124.9	242.7	77.1		107	105	113		134.1	88.6
W5PUH5	LGMN	Uncharacterized protein OS=Ovis aries OX=9940 GN=LGMN PE=4 SV=1	16	6	35	6	433	49.2	6.61	65.4	59.8	64.7	106.8	95.7	79.4	63.9	82.1	113	127	133.4	98
W5QI07		Ig-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	14	1	23	1	111	12.5	7.28	78.4	69.3	64.4	99.8	71.4	49.3	81.9	90.4	126	158	163	112
B7TJ13	PGK1	Phosphoglycerate kinase OS=Ovis aries OX=9940 GN=PGK1 PE=2 SV=1	49	16	40	16	417	44.5	8.27	105.8		88.5	258.9	115		139.1	87.9	146		166.4	82.9
W5QBD7	YWHAZ	14-3-3 protein zeta/delta OS=Ovis aries OX=9940 GN=YWHAZ PE=3 SV=1	51	11	45	7	247	27.9	4.79	103.9	114.9		215.6	109.3	144.4		119	148	83.4		99.3
W5PK07	SFTP D	C-type lectin domain-containing protein	21	6	28	5	369	37.3	8.59	138.5	102.4	141.9	107	77.1	122.8	74.2	108	97.9	77.9	120.6	102.8

		OS=Ovis aries OX=9940 GN=SFTPD PE=4 SV=1																			
W5P3S8	ATP6 AP1	Uncharacterized protein OS=Ovis aries OX=9940 GN=ATP6AP1 PE=4 SV=1	14	5	26	5	524	57.3	6.28	94.1	92.3	95. 4	72. 5	84. 2	108. 6	110 .8	113	100	90.5	87. 9	98. 2
W5PE01	TAGL N2	Transgelin OS=Ovis aries OX=9940 GN=TAGLN2 PE=3 SV=1	51	10	32	10	237	26.3	8.81	89.3		110 .8	291 .1	91. 2		118 .5	83	104		163 .1	71
Q1KYZ7	HBBA	Beta-A globin chain OS=Ovis aries OX=9940 GN=HBBA PE=3 SV=1	59	8	39	2	145	16	7.02	160. 8		121 .6		237 .6		461 .9		234		129 .8	
W5QJ62	ACTN 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=ACTN1 PE=4 SV=1	27	17	35	10	886	101.4	5.62				585 .7				377				307 .1
W5QBQ8	RAB5 C	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAB5C PE=4 SV=1	42	6	25	4	216	23.5	8.41	110. 3	98.2	113 .9	81. 8	98. 6	101. 5	98. 6	110	97. 4	104	101 .8	99. 4
W5PTZ8	LOC10 111495 9	RNAse_Pc domain-containing protein OS=Ovis aries OX=9940 GN=LOC101114959 PE=3 SV=1	50	7	70	7	147	17	9.38	95.9	125. 1	76. 2	102 .1	128	93.7	83. 9	93	73. 7	98.5	133 .3	86. 7
W5NXJ3	LOC10 111289 1	TED_complement domain-containing protein OS=Ovis aries OX=9940 GN=LOC101112891 PE=4 SV=1	19	5	27	1	349	38.3	5.25		410. 2				365. 5			411			
W5NYA7	PEBP1	Uncharacterized protein OS=Ovis aries OX=9940 GN=PEBP1 PE=4 SV=1	56	8	36	8	187	21	7.49	111. 3	105	92. 2	132 .5	91. 7	104. 4	104	89	98. 1	97.5	112 .6	90. 5
W5Q9M2	RAB1 1A	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAB11A PE=4 SV=1	29	8	59	7	261	28.8	8.37	115. 9	107. 9	93. 4	115 .8	102 .4	102. 7	95. 3	94. 4	106	94.8	117	94. 6
W5PXI6	AFM	Uncharacterized protein OS=Ovis aries OX=9940 GN=AFM PE=4 SV=1	32	17	53	17	608	70.2	5.57	106. 5	97.4	99	83		103 .6	98.1	87	120	99. 6	112 .4	97. 5
W5PIG7	CALR	Calreticulin OS=Ovis aries OX=9940 GN=CALR PE=3 SV=1	41	16	76	16	417	48	4.45	103. 5	94.9	95. 6	135 .8	89. 3	100. 5	101 .4	92. 8	104	102	98. 4	88. 1
W5PIX9	ALDO A	Fructose-bisphosphate aldolase OS=Ovis aries OX=9940 GN=ALDOA PE=3 SV=1	46	15	45	12	364	39.4	8.19	128. 9		101	251 .8	114 .7		137	89. 2	137		183 .6	92. 9

W5PXC8	SERP1 NF2	SERPIN domain-containing protein OS=Ovis aries OX=9940 GN=SERPINF2 PE=3 SV=1	16	7	58	7	491	54.6	6.34	97.5	104. 1	86. 2	75. 9	93. 2	81	100 .6	105	99. 6	107	108 .7	103
P09670	SOD1	Superoxide dismutase [Cu-Zn] OS=Ovis aries OX=9940 GN=SOD1 PE=1 SV=2	39	6	34	6	152	15.7	6.62	103. 9	91.1	87. 5	94. 8	87	116. 4	105 .8	109	94. 9	80.8	121 .1	90. 2
W5Q8S5	ERAP 1	Aminopeptidase OS=Ovis aries OX=9940 GN=ERAP1 PE=3 SV=1	15	14	63	14	942	107	6.3	104. 7	115. 4	105 .3	104 .6	80. 4	96.4	83. 9	99. 8	129	86.8	114 .8	96. 6
W5PGC5	GALM	Aldose 1-epimerase OS=Ovis aries OX=9940 GN=GALM PE=3 SV=1	23	6	27	6	342	37.6	6.33	100. 8	105. 9	78. 1	83. 2	97. 2	95.9	114 .7	108	105	86.7	123 .1	84. 7
W5QG16	CAP1	Adenylyl cyclase-associated protein OS=Ovis aries OX=9940 GN=CAP1 PE=3 SV=1	41	16	41	16	472	51.2	7.52	79.4	103. 5	100 .7	166 .3	76. 9	104. 7	90. 8	80. 8	105	99.1	121 .2	74. 2
W5NSD5	RAP1 B	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAP1B PE=4 SV=1	64	9	40	4	184	20.8	5.78	97.4	117	107 .9	117 .4	110	104. 5	91. 7	79. 4	105	98.9	104 .3	123 .2
W5Q744	KRT17	IF rod domain-containing protein OS=Ovis aries OX=9940 GN=KRT17 PE=3 SV=1	14	9	63	1	453	50.4	5.33			431 .9				369 .6				441 .8	
W5PUW0	RDX	FERM domain-containing protein OS=Ovis aries OX=9940 GN=RDX PE=4 SV=1	13	9	48	1	582	68.5	6.48	168. 6		159 .2	128 .4	111 .8		113 .5	122	112		132 .1	138
W5QHP6	ARHG DIB	Uncharacterized protein OS=Ovis aries OX=9940 GN=ARHGDIB PE=4 SV=1	63	9	32	9	200	22.8	5.2	124. 8	100. 6		303 .4	102 .9	145. 4		80. 3	144	96.6		68. 5
W5NTW3	ITIH1	Uncharacterized protein OS=Ovis aries OX=9940 GN=ITIH1 PE=4 SV=1	17	10	35	10	912	101.6	7.27	104. 2	98.5	114 .8	71. 8	100 .5	68.5	79. 2	124	105	145	84. 3	106 .3
W5PDG3	GAPD H	Glyceraldehyde-3-phosphat e dehydrogenase OS=Ovis aries OX=9940 GN=GAPDH PE=3 SV=1	38	12	41	12	334	36	8.35	90.4	101. 3	81. 5	231 .2	75	95.4	96. 1	61. 9	95	84.7	126 .1	54. 1
W5QD08	LAMC 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=LAMC1 PE=4 SV=1	11	14	34	14	1610	177.8	5.11	94.8	88.4	82. 1	75. 8	117 .8	70.2	79. 7	109	95. 4	109	107 .7	104 .4

W5PHP8	LRG1	LRRCT domain-containing protein OS=Ovis aries OX=9940 GN=LRG1 PE=4 SV=1	27	9	28	9	353	39.2	8.56	97.3	87	75.8	63.3	112.2	119.6	156.4	134	115	109	82.8	124.5
W5P0U4	MUC1	SEA domain-containing protein OS=Ovis aries OX=9940 GN=MUC1 PE=4 SV=1	5	3	38	3	588	58.6	7.08	123	122.1	123.3	145	77.7	78.7	77.4	98.8	113	93.6	89.6	86.2
W5P5W9	TP11	Triosephosphate isomerase OS=Ovis aries OX=9940 GN=TP11 PE=3 SV=1	56	8	28	8	214	22.8	5.63	122.9	128.2	239.7	125.2	128.2		101	120	142			85.9
W5Q3F0	TGFB R3	ZP domain-containing protein OS=Ovis aries OX=9940 GN=TGFB R3 PE=4 SV=1	13	10	40	10	857	94.5	6.29	87.7	98.9	104.7	95.5	88.7	111.7	98.9	94.3	106	87.7	89.4	106.6
P62262	YWHAE	14-3-3 protein epsilon OS=Ovis aries OX=9940 GN=YWHAE PE=1 SV=1	29	7	39	4	255	29.2	4.74	92	94.1	116.9	202.3	77.4	110.8	108.4	73.5	99.2	76.7	87.5	57.2
B2MVW1	CD81	Tetraspanin OS=Ovis aries OX=9940 GN=CD81 PE=2 SV=1	19	3	21	3	236	25.8	5.52	109.6	131.9	93.6	144.4	74	66.1	88.8	73.2	80	109	104.9	121.8
W5PY10	MUC15	Uncharacterized protein OS=Ovis aries OX=9940 GN=MUC15 PE=4 SV=1	20	7	60	7	342	37.2	5.87	148.8	135.7	101.2	111.9	75.2	107.5	90.5	87.1	99.5	69.4	101.6	105.2
W5QC41	PKM	Pyruvate kinase OS=Ovis aries OX=9940 GN=PKM PE=3 SV=1	39	18	35	18	567	61.6	7.99	166.4			290.9	214			171	210			194.6
W5P1J8	LOC1113086	Amine oxidase OS=Ovis aries OX=9940 GN=LOC1113086 PE=3 SV=1	9	7	26	6	766	85.2	6.2	88.5	110.9	75.4	69.4	92.3	84.1	96.4	107	98.8	109	106.5	101.5
W5PU66	IQGAP1	Uncharacterized protein OS=Ovis aries OX=9940 GN=IQGAP1 PE=4 SV=1	16	21	29	21	1691	192.8	6.38				637.2				349				291.8
W5NZ62	GNS	N-acetylglucosamine-6-sulfatase OS=Ovis aries OX=9940 GN=GNS PE=3 SV=1	11	5	34	5	552	61.9	8.34	86.2	79.5	69.5	82.4	105.8	90.3	103.1	84.1	113	119	88.3	127.2
W5PDM2	FGFBP1	Uncharacterized protein OS=Ovis aries OX=9940 GN=FGFBP1 PE=4 SV=1	25	6	30	6	234	26.2	8.91	69	80.9	112.5	110.1	80.5	108.2	131	118	95.5	74.7	74	93.1
W5PLW3	TFF3	P-type domain-containing protein OS=Ovis aries OX=9940 GN=TFF3 PE=4	51	2	24	2	81	8.8	4.64	141.9	94.1	94.9	94.4	137.2	152.5	102.5	120	74	84.4	81.1	97.3

		SV=1																			
W5Q9K1	QSOX1	Sulfhydryl oxidase OS=Ovis aries OX=9940 GN=QSOX1 PE=4 SV=1	24	14	51	14	747	81.5	8.97	75.5	90.4	105.9	125.7	71.9	120.2	123.4	96.2	71.4	94.2	83	70.6
W5PE92	GRN	Uncharacterized protein OS=Ovis aries OX=9940 GN=GRN PE=4 SV=1	21	9	37	9	588	62.7	6.68	91.1	95.7	87.7	86.1	102.4	96.7	88.9	106	118	99.9	102.8	106.2
W5PFY3	ASAH1	Uncharacterized protein OS=Ovis aries OX=9940 GN=ASAH1 PE=3 SV=1	19	7	37	7	400	45.4	7.9	78.6	78.4	73.7	91.1	95.1	84.5	102.5	93.3	103	102	102.3	101.4
W5QIK8	SELENBP1	Uncharacterized protein OS=Ovis aries OX=9940 GN=SELENBP1 PE=4 SV=1	23	10	29	10	472	52.5	6.79	65.5	116.7	84	84.9	129.3	108.1	112.9	117	138	82.3	121.7	102.5
W5NZU3	CDH1	Uncharacterized protein OS=Ovis aries OX=9940 GN=CDH1 PE=4 SV=1	11	8	31	8	883	97.9	4.94	82.8	95.2	81	80.8	120.7	89.2	117.4	117	113	103	103.5	89.6
W5PZ94	ACO1	Uncharacterized protein OS=Ovis aries OX=9940 GN=ACO1 PE=3 SV=1	20	14	35	14	903	99.7	7.94	106.9	114.6	102	92.9	100.6	107.1	102.8	115	104	86.7	99.7	99.2
C5IJ94		Rab GDP dissociation inhibitor OS=Ovis aries OX=9940 PE=2 SV=1	29	9	35	5	447	50.5	5.14				746.6				287				271.6
W5QFN9	UGP2	UTP--glucose-1-phosphate uridylyltransferase OS=Ovis aries OX=9940 GN=UGP2 PE=3 SV=1	31	13	37	13	508	56.9	7.88	103	95.6	93.2	154	102.8	127.2	97	90.2	100	78.1	106.1	74
W5P323	GPI	Glucose-6-phosphate isomerase OS=Ovis aries OX=9940 GN=GPI PE=3 SV=1	27	13	42	13	557	62.9	7.72	129.7	128.6		277.6	104.6	137.8		84.9	110	112		84.7
B0LXL3		Tetraspanin OS=Ovis aries OX=9940 PE=2 SV=1	23	4	37	4	226	25.2	6.32	93.5	140.9	101.1	150.8	72.2	85.1	86.4	85.9	68.1	85.6	111.8	89.3
W5QBW5	LBP	Uncharacterized protein OS=Ovis aries OX=9940 GN=LBP PE=4 SV=1	14	5	27	5	540	59.7	7.99	89	100.6	77.5	139.2	92.4	173.4	176.1	92.3	82.9	66.3	70.2	81
W5PZW9	KRT24	IF rod domain-containing protein OS=Ovis aries OX=9940 GN=KRT24 PE=3 SV=1	6	4	44	1	535	56.2	5.12	183.3	82.9	37.2	55.4	93.6	67.4	86.5	61.1	65.6	135	80.9	142.2
W5PGT6	C6	Uncharacterized protein OS=Ovis aries OX=9940 GN=C6 PE=4 SV=1	23	17	49	17	934	104.8	6.99	110	95.6	96.8	96.9	98.7	81	100.1	104	103	121	84.7	92.5
W5PHQ5		Sep15_SelM	29	3	34	3	131	14.2	9.72	112.	102.	96.	72.	106	74.6	86.	104	116	120	109	125

		domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1								7	2	8	1	.2		6				.3	.9
W5P812	AMBP	Uncharacterized protein OS=Ovis aries OX=9940 GN=AMBP PE=4 SV=1	26	8	41	8	352	39.2	7.4	89.6	96.1	87. 7	77. 9	95. 4	85.2	104. .2	113	102	119	94. 8	92. 6
W5Q517	PCOL CE	Uncharacterized protein OS=Ovis aries OX=9940 GN=PCOLCE PE=4 SV=1	16	5	26	5	451	48.3	7.71	97.1	96.6	97. 7	81. 2	93. 2	89.2	94. 2	109	109	101	86	90. 5
P50413	TXN	Thioredoxin OS=Ovis aries OX=9940 GN=TXN PE=3 SV=2	38	4	22	4	105	11.8	5.03	89.6	85.8	93. 8	200 .7	67. 6	103. 7	88. 1	73	91. 8	102	114 .1	61. 7
W5PUW4	IFI30	Uncharacterized protein OS=Ovis aries OX=9940 GN=IFI30 PE=4 SV=1	20	4	31	4	252	28.2	6.15	100. 4	97.3	104 .2	117 .3	79. 7	116. 6	108 .5	93. 2	69. 5	93.5	98. 1	89
P79361	Bac7.5	7.5 kDa bactinecin (Fragment) OS=Ovis aries OX=9940 GN=Bac7.5 PE=3 SV=1	48	7	46	3	164	18.6	9.99	134. 9			540 .8	123 .7			90. 7	163			77. 3
W5PEY4	TCN2	Uncharacterized protein OS=Ovis aries OX=9940 GN=TCN2 PE=4 SV=1	32	10	32	10	437	48	8.22	89.3	100. 9	100 .5	101 .3	97. 8	110	100 .4	120	112	87.6	91. 6	81. 8
W5P010	RAB1 B	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAB1B PE=4 SV=1	21	6	38	2	307	32.9	8.98	138. 2		150 .9	247 .1	127		102	94. 1	131		171 .4	102
W5P3R8	CPQ	Peptidase_M28 domain-containing protein OS=Ovis aries OX=9940 GN=CPQ PE=4 SV=1	23	10	37	10	483	52.8	6.09	102. 2	103. 2	105 .9	85. 4	84. 9	89.5	94. 4	106	80. 3	98.8	98. 6	90
A5YBU8	C2	Complement component C2 (Fragment) OS=Ovis aries OX=9940 GN=C2 PE=3 SV=1	21	6	32	1	342	38	8.31	94.9	100. 6	76. 1	74. 8	134 .5	99.9	114 .6	128	97. 7	96.8	97. 9	107 .1
W5NSH2	ITIH3	Uncharacterized protein OS=Ovis aries OX=9940 GN=ITIH3 PE=4 SV=1	14	10	31	10	891	99.3	5.83	95.9	95.2	93. 4	93. 7	92. 4	83.7	102	109	122	120	85. 6	90. 1
W5Q7J0	APOB	Vitellogenin domain-containing protein OS=Ovis aries OX=9940 GN=APOB PE=4 SV=1	5	18	35	18	4549	513.8	7.12	84.5	77.3	99. 5	66. 4	93	87.7	96. 8	96. 4	81. 6	126	79. 6	120 .2
W5P4A8	RNAS ET2	Uncharacterized protein OS=Ovis aries OX=9940 GN=RNAS ET2 PE=3 SV=1	21	5	30	5	230	26.6	6.79	98.6	86.1	82. 9	78. 7	114 .9	90.1	93. 8	101	104	110	95. 2	124 .2

W5PLB7	PGLY RP1	Peptidoglycan-recognition protein OS=Ovis aries OX=9940 GN=PGLYRP1 PE=3 SV=1	27	4	26	4	205	22.6	9.32	70.9	88.2	194 .4	157 .8	76. 5	115	66. 5	80	68. 8	82.7	62. 8	59. 7
W5NQ53		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	75	4	21	4	77	8.1	5.34	88.1	115. 5	84. 8	71	103 .8	104. 6	98. 5	115	93. 1	86.5	101 .7	102 .2
W5PBY0	C4BP A	Uncharacterized protein OS=Ovis aries OX=9940 GN=C4BPA PE=4 SV=1	21	12	38	12	613	68.7	6.77	139. 9	112. 1	98. 1	79. 8	70. 3	76.9	87. 7	107	98. 4	103	83	88. 5
W5P3J3	C1S	Uncharacterized protein OS=Ovis aries OX=9940 GN=C1S PE=3 SV=1	20	12	36	12	701	77.8	5.06	75.8	94.5	93. 7	81. 7	105	95.8	94. 7	99. 8	106	106	109 .5	97. 4
W5PDR5	C8A	MACPF domain-containing protein OS=Ovis aries OX=9940 GN=C8A PE=4 SV=1	14	7	24	7	587	66.4	6.4	105. 6	99.2	90. 7	93. 3	92. 8	94.6	95. 4	106	106	99.1	104 .9	93. 4
C5IWT0	ARF4	ADP-ribosylation factor 4 OS=Ovis aries OX=9940 GN=ARF4 PE=2 SV=1	29	4	21	2	180	20.5	6.19				473 .5				296				470
W5P3I5	CNDP 2	M20_dimer domain-containing protein OS=Ovis aries OX=9940 GN=CNDP2 PE=4 SV=1	30	10	17	10	457	50.6	6.05				731 .5				327				243 .3
W5PND2	DDR1	Uncharacterized protein OS=Ovis aries OX=9940 GN=DDR1 PE=4 SV=1	8	6	32	6	916	101.4	6.87	89.2	88.8	97. 7	75. 8	85. 6	92.2	103 .8	115	126	85.5	102 .8	94. 5
C5IJ99	RHOA	RHOA OS=Ovis aries OX=9940 GN=RHOA PE=2 SV=1	45	6	26	6	193	21.8	6.1	91.3	116. 9	107 .9	126 .8	90. 2	102. 9	100 .9	90. 2	111	89.7	110 .4	84. 4
W5POU9	ANGP TL4	Fibrinogen C-terminal domain-containing protein OS=Ovis aries OX=9940 GN=ANGPTL4 PE=4 SV=1	32	8	33	1	315	35.7	9.22	83.2	90.4	96. 7	80. 1	102 .4	102. 3	95. 4	97. 3	149	104	72. 8	111 .8
W5P587	SDC4	Syndecan OS=Ovis aries OX=9940 GN=SDC4 PE=3 SV=1	17	3	33	3	202	22	4.6	76	123. 2	105 .7	140 .6	98. 3	92.9	146	115	117	96.3	57. 2	71. 8
W5PYW3	CXCL 6	C-X-C motif chemokine OS=Ovis aries OX=9940 GN=CXCL6 PE=3 SV=1	45	4	27	4	109	11.3	9.54	106. 6	130. 6	110 .2	91. 1	107 .4	91	105 .4	116	86. 5	80.3	101	105 .7
W5Q5J4	LOC10 111085 5	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101110855 PE=4	12	2	25	2	230	25.2	10	65	111. 1	81	86. 2	15. 7	82.1	44. 7	73. 6	16. 4	40	95. 9	94. 6

		SV=1																			
W5PHA3		Tr-type G domain-containing protein OS=Ovis aries OX=9940 PE=3 SV=1	24	11	39	11	525	57.1	9.09	84.7	106. 4	95. 3	199 .9	82. 5	125. 6	102 .7	72. 2	81. 7	86.8	104 .7	58. 2
W5QB61	FKBP 1A	Peptidylprolyl isomerase OS=Ovis aries OX=9940 GN=FKBP1A PE=4 SV=1	14	1	9	1	103	11.4	9.38	140	100. 2	125 .1	152 .5	90. 1	108. 5	79. 5	80. 8	76. 7	86.4	113 .5	77. 4
W5QCS4	SARS	AA_TRNA_LIGASE_II domain-containing protein OS=Ovis aries OX=9940 GN=SARS PE=4 SV=1	21	8	18	8	514	58.8	5.86	104. 3		121 .4	278 .2	115 .1		131 .8	94. 5	140		164	75. 8
B2LYK6	RAB7 A	RAS oncogene family-like 7A OS=Ovis aries OX=9940 GN=RAB7A PE=2 SV=1	53	10	30	10	207	23.5	6.7	96.4	103. 9	86. 4	113 .1	100 .3	98.1	98. 1	90. 6	113	101	101	92. 5
W5Q021	FAM2 0A	Fam20C domain-containing protein OS=Ovis aries OX=9940 GN=FAM20A PE=4 SV=1	24	8	31	7	506	57.3	8.56	113. 8	96.4	121	81. 3	82. 8	84.6	91. 2	101	96	87.7	88. 9	105
W5PWS0	LOC10 112229 4	Membrane cofactor protein OS=Ovis aries OX=9940 GN=LOC101122294 PE=4 SV=1	15	3	16	3	363	39.4	6.74	78.6	108. 7	73. 8	72. 5	105 .2	95	106 .9	111	92. 8	99.2	108 .1	112 .1
Q29439	C4	Complement component C4 (Fragment) OS=Ovis aries OX=9940 GN=C4 PE=4 SV=1	44	5	31	2	129	14.5	5.53	85.1	78.3	76. 1	64. 2	110 .5	94	97	142	128	117	93. 1	94
W5PN84	EEF2	Tr-type G domain-containing protein OS=Ovis aries OX=9940 GN=EEF2 PE=4 SV=1	19	17	28	17	974	108.1	8.27		124. 4	139 .7	221 .9		113. 5	122	110		114	136 .4	98. 4
W5NV22	ABCG 2	ABC transporter domain-containing protein OS=Ovis aries OX=9940 GN=ABCG2 PE=4 SV=1	8	6	27	6	685	76	8.15	134. 1	169. 6	97. 2	195 .7	98. 8	75.1	84. 3	56. 1	75. 6	73.1	108 .5	79
W5PZN2		C-X-C motif chemokine OS=Ovis aries OX=9940 PE=3 SV=1	30	3	29	2	154	16.7	9.45	112. 7	119. 3	97. 1	91. 4	95. 4	86.3	93	102	103	96.8	117 .2	97. 6
W5QH04		Amine oxidase OS=Ovis aries OX=9940 PE=3 SV=1	37	17	39	17	518	58	8.72	75.5	85.9	115	81. 8	61. 9	91.5	79. 7	93. 6	71	91.4	101 .5	99. 9
W5Q8J3	RRBP 1	Rib_recp_KP_reg domain-containing protein	30	24	58	24	1535	164.4	9.09	61.6	98.7	88. 2	98. 1	95. 6	137. 4	97. 7	119	76. 7	68	101 .1	93. 1

		OS=Ovis aries OX=9940 GN=RRBP1 PE=4 SV=1																			
W5P303	YWHAB	14-3-3 protein beta/alpha OS=Ovis aries OX=9940 GN=YWHAB PE=3 SV=1	40	10	32	5	282	32	4.84		131.7	126.1	228.8		155	130.7	109		89.8	130.7	94.3
W5QIV1	S100A11	Protein S100 OS=Ovis aries OX=9940 GN=S100A11 PE=3 SV=1	25	3	21	3	106	11.7	7.99	78.1	73	74	217.2	58.1	99	89	62.6	80.1	76.8	158.2	56.4
W5NYH2	NME1-NME2	Nucleoside diphosphate kinase OS=Ovis aries OX=9940 GN=NME1-NME2 PE=3 SV=1	51	10	44	10	268	30.2	9.04	87.4	100.7	87.7	153.3	90.8	100.1	99	88.1	116	93.7	112.9	71
W5QAI4	FAM3C	ILEI domain-containing protein OS=Ovis aries OX=9940 GN=FAM3C PE=4 SV=1	18	3	14	3	227	24.8	8.5	99.5	84.7	95.1	73.4	85.7	85.9	96	103	112	101	98.2	105
W5QED8	RAP1A	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAP1A PE=4 SV=1	39	6	22	1	184	21	6.67				494.9				395				352.3
W5NU40	LOC105607776	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC105607776 PE=3 SV=1	51	10	54	2	182	20.7	9.61				595.6				312				313.5
W5PF17	VCL	Uncharacterized protein OS=Ovis aries OX=9940 GN=VCL PE=4 SV=1	21	18	23	18	1069	116.6	5.96				608.3				364				283.7
W5PBD8	LAMB1	Uncharacterized protein OS=Ovis aries OX=9940 GN=LAMB1 PE=4 SV=1	9	13	27	13	1953	215.9	5.14	62.3	85	72.8	84.1	102.6	90.6	87.7	84.2	157	88	84.9	136.1
W5Q305	GANA B	Gal_mutarotas_2 domain-containing protein OS=Ovis aries OX=9940 GN=GANA B PE=3 SV=1	14	11	28	11	932	105.6	6.04	91.7	82.7	110.1	99.4	86.4	73.8	85.7	103	109	85.2	86.8	101
W5PSC1		Ig-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	25	2	17	2	142	14.4	7.75	86.8	77.5	51	51.7	107.4	86.7	104	82.7	119	126	127.5	109.4
W5NS65	LOC101109652	H15 domain-containing protein OS=Ovis aries OX=9940 GN=LOC101109652 PE=3 SV=1	12	3	21	2	221	22.6	11.2	82.8	96.7	96.1	146.8	72.3	111.1	93.1	81.5	77	89	90.2	88.5
O19031	Bac11	Bactinecin 11 OS=Ovis aries OX=9940 GN=Bac11	38	9	53	1	224	25.7	11.6				462.1				422				261.7

		PE=3 SV=1																			
W5PZA9	APLP2	BPTI/Kunitz inhibitor domain-containing protein OS=Ovis aries OX=9940 GN=APLP2 PE=4 SV=1	12	8	23	7	728	83.1	4.78	113.9	96.2	120.5	80.6	82.3	98.6	94.8	111	103	106	84.4	93.6
W5Q282	PDIA6	Uncharacterized protein OS=Ovis aries OX=9940 GN=PDIA6 PE=3 SV=1	21	7	26	7	440	48.1	5.05	94.1	93.9	93.9	116.1	92.4	94.7	96.6	101	96.5	98.2	113.4	87.7
W5Q686	TPP1	Peptidase S53 domain-containing protein OS=Ovis aries OX=9940 GN=TPP1 PE=4 SV=1	18	8	29	8	572	62.4	6.74	84	76.7	71	86	106.3	87.1	93	88.9	106	108	84.6	113.3
W5PVL4	MBL2	C-type lectin domain-containing protein OS=Ovis aries OX=9940 GN=MBL2 PE=4 SV=1	21	4	12	4	249	26.6	5.2	119.9	103.9	72.5	29.3	72.7	80	133.3	121	89.2	126	94.3	125.7
W5PGT9		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	23	7	36	7	371	41.9	7.4	94.5	149.3	53.1	48.9	85.2	111.8	77.3	63.3	145	57.5	92.6	207.5
W5PJ66	CFD	Peptidase S1 domain-containing protein OS=Ovis aries OX=9940 GN=CFD PE=3 SV=1	41	8	24	8	259	27.9	7.71	165.7	90.9	70.7	128.7	81.3	84.9	135.5	81.9	84	122	113	96.6
W5PG90		Peptidase S1 domain-containing protein OS=Ovis aries OX=9940 PE=3 SV=1	15	4	13	4	342	36.7	6.92	102.9	107.8	83.8	71.4	93.4	99.7	101.2	113	102	94.4	83.8	104.1
W5PAQ4	FUCA1	Alpha-L-fucosidase OS=Ovis aries OX=9940 GN=FUCA1 PE=3 SV=1	15	6	23	6	473	54.2	7.4	89.3	96.1	106	82.9	89.8	107	95.3	95.4	123	102	103.2	125.3
W5PYG2	VNN1	CN hydrolase domain-containing protein OS=Ovis aries OX=9940 GN=VNN1 PE=4 SV=1	16	5	24	5	501	55.9	5.4	79.9	110.6	80.7	87.2	132.6	126.4	155.4	120	115	81.6	82	99.2
W5P256	FOLR1	Folate_rec domain-containing protein OS=Ovis aries OX=9940 GN=FOLR1 PE=4 SV=1	30	7	28	7	257	29.8	7.49	118.7	94.5	106.6	96.3	94.1	95.1	106.2	116	98.2	111	85.5	99
M4WED3	CDC42	Cell division cycle 42 OS=Ovis aries OX=9940 GN=CDC42 PE=2 SV=1	36	6	18	5	191	21.2	6.55	97.2	126.3	98.8	168.2	91.6	85.1	102.1	79.1	124	89.3	99.7	80
W5PJI1	IGSF5	Ig-like domain-containing protein OS=Ovis aries OX=9940 GN=IGSF5	18	4	13	4	371	39.7	5.87	125.9	96.6	89.9	74.1	93	102.6	93.4	118	109	103	92	93.3

		PE=4 SV=1																			
W5PB40	CLST N1	Uncharacterized protein OS=Ovis aries OX=9940 GN=CLSTN1 PE=4 SV=1	7	6	15	6	1034	115.5	4.97	96.5	95.2	97. 3	65. 3	81. 9	87.2	92	125	130	119	64. 7	103 .6
W5NUW3		Amine oxidase OS=Ovis aries OX=9940 PE=3 SV=1	3	2	14	1	748	83.4	5.53	174. 2	119. 7	81. 9	92. 8	137. 6		183	148	117			92
W5PLV3	RAB5 B	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAB5B PE=4 SV=1	26	4	19	2	227	24.9	7.81	108. 4	106. 4	101. .1	64. 9	113 .9	94.4	99. 8	97. 4	94. 5	88.1	93. 4	93. 5
W6AX51		ANGPTL4 OS=Ovis aries OX=9940 PE=2 SV=1	21	8	33	1	410	45.5	8.75	75.7	94.1	77. 3	67	88. 9	107. 8	88. 1	105	152	99.8	91	110 .6
W5Q6V2	KRT7	IF rod domain-containing protein OS=Ovis aries OX=9940 GN=KRT7 PE=3 SV=1	32	16	38	12	452	50.2	5.68	70.6	98.2	103 .6	70. 8	90	105. 7	103 .2	98	110	91	100 .5	115 .6
W5P408	SDC2	Syndecan OS=Ovis aries OX=9940 GN=SDC2 PE=3 SV=1	15	4	31	4	202	22	4.72	91.2	101. 6	71. 2	31	83. 5	99.2	100 .2	138	130	101	64. 7	109 .3
W5NT47	LOC11 410938 0	CAP18_C domain-containing protein OS=Ovis aries OX=9940 GN=LOC114109380 PE=3 SV=1	39	7	34	6	175	20	9.72	71.7	98.1	64. 2	207 .9	63. 4	113. 1	98. 7	68	73	80.7	168 .4	58. 6
W5NZ70	LGAL S3BP	Uncharacterized protein OS=Ovis aries OX=9940 GN=LGALS3BP PE=4 SV=1	15	7	22	7	536	59.8	5.2	106. 4	76.9	70. 3	82. 9	90. 9	66	71. 1	83	96. 2	123	105 .7	129 .8
W5PSF3	DBI	Diazepam binding inhibitor, acyl-CoA binding protein OS=Ovis aries OX=9940 GN=DBI PE=4 SV=1	51	4	35	4	101	11.6	5.35	108. 6	103. 5	105 .3	105 .4	108 .4	123	95. 8	94. 2	86. 4	79.1	78. 9	105 .8
W5PDD5	STAG 1	SCD domain-containing protein OS=Ovis aries OX=9940 GN=STAG1 PE=4 SV=1	1	1	38	1	1258	144.4	5.59	111. 4	83.7	104	48. 7	121 .7	90.5	86. 5	116	103	109	98. 5	116
W5Q3E6	RAB2 A	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAB2A PE=4 SV=1	27	5	17	2	215	23.8	6.79	134. 3	136. 5		119 .6	128 .9	122		127	151	141		139 .7
W5NUU3	TPM3	Uncharacterized protein OS=Ovis aries OX=9940 GN=TPM3 PE=3 SV=1	25	8	20	4	285	33	4.74	202			362 .2	156 .2			148	216			130 .7
W5PAM4	CTSA	Carboxypeptidase	12	5	25	5	501	56	6.7	87.2	87.8	97.	90.	92.	101.	101	96.	109	101	78.	106

		OS=Ovis aries OX=9940 GN=CTSA PE=3 SV=1										6	4	9	8	.5	1			4	.2
W5Q989	PLOD 1	Fe2OG dioxygenase domain-containing protein OS=Ovis aries OX=9940 GN=PLOD1 PE=4 SV=1	11	5	11	5	701	80.8	6.7	79.2	74.5	102 .4	91. 5	72. 6	83.4	80. 2	88	89. 6	113	102 .7	109 .1
W5QGZ7		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	13	4	29	4	341	37.2	5.41	113. 2	108. 9	107 .5	74. 1	90. 9	99.5	96. 2	94. 4	91. 9	93.1	96. 1	127
W5NZR6	VWA1	von Willebrand factor A domain containing 1 OS=Ovis aries OX=9940 GN=VWA1 PE=4 SV=1	10	2	8	2	393	41.7	7.39	83.5	103. 3	87. 8	97	87. 1	95.1	115 .9	116	96. 4	96.8	85. 8	85
W5PRR5	LTA4 H	Leukotriene A(4) hydrolase OS=Ovis aries OX=9940 GN=LTA4H PE=3 SV=1	22	11	26	11	614	69.5	6.2	78.3	102. 1	92. 1	129 .9	84. 6	77.6	96. 6	97. 4	102	93.4	108 .2	81. 8
W5PBB5	CTSF	Uncharacterized protein OS=Ovis aries OX=9940 GN=CTSF PE=3 SV=1	9	3	11	3	460	50.9	8.09	105. 7	91. 4	105 .1	147 .6		116	100	145			142 .9	181 .7
C8BKD7	SMPD 1	Sphingomyelin phosphodiesterase OS=Ovis aries OX=9940 GN=SMPD1 PE=2 SV=1	10	5	14	1	625	69.3	6.52	167. 6		125 .4	180 .3			211	238				198 .4
W5Q9B2	ARHG DIA	Uncharacterized protein OS=Ovis aries OX=9940 GN=ARHG DIA PE=4 SV=1	43	7	28	7	206	23.6	5.12	111. 7	110. 4	97. 5	155 .8	96	101. 1	105 .4	82. 6	102	96	101 .6	75. 3
W5PE31	FUT11	Alpha-(1,3)-fucosyltransferase OS=Ovis aries OX=9940 GN=FUT11 PE=3 SV=1	10	3	11	3	441	50.7	5.82	112. 6	107	106 .8	83. 5	101 .2	95.1	85. 5	99. 2	99. 3	101	102 .7	110 .8
W5Q6N7	TXND C5	Thioredoxin domain containing 5 OS=Ovis aries OX=9940 GN=TXNDC5 PE=4 SV=1	26	6	14	6	344	38.3	5.48	95.1	86.9	101 .9	87	104 .1	107. 9	99. 6	123	114	94.6	95. 5	97
W5PJ97	APOA 2	Uncharacterized protein OS=Ovis aries OX=9940 GN=APOA2 PE=4 SV=1	19	2	25	2	102	11.3	8.1	48.1	81.8	80. 8	53. 7	88. 8	82.9	129	122	102	113	95. 1	97. 1
W5Q5M3	KRT18	IF rod domain-containing protein OS=Ovis aries OX=9940 GN=KRT18 PE=3 SV=1	4	2	31	1	409	46	5.21	164. 4	80.4	66. 2	48	88. 2	73.9	75. 8	93. 3	94. 4	106	72. 9	146
W5PE53	C8B	MACPF domain-containing protein	22	10	23	10	610	68.9	7.91	107. 9	107. 8	105 .2	89. 8	98. 6	90.1	90	105	102	106	105 .5	94. 8

		OS=Ovis aries OX=9940 GN=C8B PE=4 SV=1																			
W5Q953	ERAP2	Aminopeptidase OS=Ovis aries OX=9940 GN=ERAP2 PE=3 SV=1	11	9	21	9	968	110.8	6.65	86.4	78.4	95.5	85.3	79.4	90.1	96.7	97.4	112	99.1	96.3	102
W5Q5H4		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	4	1	16	1	201	22	6.67	49.9	44.6	80.8	48	72.7	81.5	132.7	96	122	132	77.5	95.8
W5P5A0	FLNA	Uncharacterized protein OS=Ovis aries OX=9940 GN=FLNA PE=4 SV=1	6	13	15	13	2633	279.7	6.28				588				339				284.1
W5Q0W2	LOC11106722	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101106722 PE=4 SV=1	40	9	17	9	209	24	8.37				100				222				191.5
W5PDR1	RAB6A	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAB6A PE=4 SV=1	27	5	21	4	208	23.5	5.54	110.7	114.8	89.3	163.2	103.6	94.5	99.9	79.8	106	98.8	117.8	85.8
W5NQP9	ALDOC	Fructose-bisphosphate aldolase OS=Ovis aries OX=9940 GN=ALDOC PE=3 SV=1	10	4	12	1	459	49.6	8.69				360				385				345.7
W5PG72	GOLM1	Uncharacterized protein OS=Ovis aries OX=9940 GN=GOLM1 PE=4 SV=1	19	9	27	9	415	46.6	4.96	97.1	86.5	84.1	89.5	69.4	117.1	112.5	77.9	76.7	91.3	96.4	89.2
W5PLZ4	TFF2	Uncharacterized protein OS=Ovis aries OX=9940 GN=TFF2 PE=4 SV=1	50	5	12	5	131	14.3	5.16				741				307				256.2
W5P6I9	GALNT1	Polypeptide N-acetylgalactosaminyltransferase OS=Ovis aries OX=9940 GN=GALNT1 PE=3 SV=1	14	7	21	7	560	64.2	7.72	103.4	83	108.3	70.6	91.5	88.4	91.4	98.5	118	92.6	97.5	113.6
B2LSM6		Beta-hexosaminidase OS=Ovis aries OX=9940 PE=2 SV=1	24	12	30	12	529	60.2	6.01	83.7	83	79.6	71.5	102.3	107.1	106	104	97.1	108	110	107.6
W5PUH4		Uncharacterized protein OS=Ovis aries OX=9940 PE=3 SV=1	49	8	13	8	214	24	8.63				518				355				318.6
W5PB46	PLTP	Uncharacterized protein OS=Ovis aries OX=9940 GN=PLTP PE=4 SV=1	12	5	15	5	511	56.2	6.47	92.4	88.4	101.9	78.6	99.4	87.4	97.2	105	129	106	106.3	85.1
W5PW05	MDH2	Uncharacterized protein OS=Ovis aries OX=9940	29	9	15	9	405	42.2	7.96		137.3	143.2	173.8		137.9	140.4	127		114	111.6	120.7

		GN=MDH2 PE=4 SV=1																			
W5PWM0		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	13	8	40	8	503	53.7	7.5	115. 8	117. 2	96. 2	99. 7	88	87.7	91. 7	94. 6	77. 9	95.3	102 .5	103 .1
W5NX17		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	10	4	18	4	478	53.1	7.81	91.5	94.6	79. 6	66. 5	120 .3	95.3	124 .5	124	102	109	92	114 .2
W5PIY0	ELAN E	Peptidase S1 domain-containing protein OS=Ovis aries OX=9940 GN=ELANE PE=3 SV=1	11	2	8	2	259	27.9	10	161. 7			360 .8	195 .4			147	251			141 .4
W5P098	CORO 1A	Coronin OS=Ovis aries OX=9940 GN=CORO1A PE=3 SV=1	28	12	26	12	461	50.9	6.55				749 .1				298				277 .7
W5QI04	TPM1	Uncharacterized protein OS=Ovis aries OX=9940 GN=TPM1 PE=3 SV=1	14	4	12	1	278	31.5	4.84				521 .5				498				227 .5
W5Q2E1	LUM	LRRNT domain-containing protein OS=Ovis aries OX=9940 GN=LUM PE=4 SV=1	15	5	17	5	342	38.8	6.46	85.3	91.9	97	84. 8	104 .6	96.3	114 .3	107	104	91.9	88. 1	84. 3
W5Q695	SLC6 A14	Transporter OS=Ovis aries OX=9940 GN=SLC6A14 PE=3 SV=1	8	5	16	5	641	72.1	8.27	107	139. 5	108 .1	172 .1	90. 6	89.2	104 .9	76. 9	106	86.6	109 .1	88. 1
W5Q438	GNB2	WD_REPEATS_REGION domain-containing protein OS=Ovis aries OX=9940 GN=GNB2 PE=4 SV=1	17	5	13	1	358	38.9	6.83				758 .9				301				286 .3
W5PLH1	SIAE	SASA domain-containing protein OS=Ovis aries OX=9940 GN=SIAE PE=4 SV=1	12	5	14	5	534	59.6	7.96	98.1	103. 5	81. 2	51. 1	110 .5	89.7	82	112	108	97.7	121 .6	115 .9
W5P363	VAT1	PKS_ER domain-containing protein OS=Ovis aries OX=9940 GN=VAT1 PE=4 SV=1	23	6	18	6	311	33.8	8.65	95.7	96.9	96. 4	90. 7	101 .8	99.8	107	97. 4	126	93.2	83. 8	106 .4
O46678	CXCL 1	Growth-regulated alpha protein OS=Ovis aries OX=9940 GN=CXCL1 PE=3 SV=1	45	3	22	2	103	10.8	9.76				331 .8				435				371 .3
O46390	BGN	Biglycan OS=Ovis aries OX=9940 GN=BGN PE=2 SV=1	26	7	19	7	369	41.5	7.27	152. 6	94.8	160 .8		115 .1	88.7	126		100	126	113 .9	
W5PQ98	ACTR	Uncharacterized protein	31	9	17	9	403	45.9	5.88				565				320				314

	3	OS=Ovis aries OX=9940 GN=ACTR3 PE=3 SV=1											.8								.6
W5PPP2	TGFB 2	Transforming growth factor beta OS=Ovis aries OX=9940 GN=TGFB2 PE=3 SV=1	18	9	29	1	415	47.7	8.53	165. 3	136. 5	114		125 .4	115. 3	156 .4		118	154	166 .6	
W5PAL7	PRDX 5	Peroxiredoxin OS=Ovis aries OX=9940 GN=PRDX5 PE=3 SV=1	39	6	13	6	219	23.1	8.34				692 .4				295				284 .4
W5NZY6	DNAJ B9	J domain-containing protein OS=Ovis aries OX=9940 GN=DNAJB9 PE=4 SV=1	14	3	23	3	223	25.8	8.28	88.8	105. 2	108 .4	81	71	101. 1	81. 6	111	83. 8	82.7	72. 8	97. 5
M4T8F1	Prdx6	Peroxiredoxin 6 OS=Ovis aries OX=9940 GN=Prdx6 PE=2 SV=1	38	8	19	8	224	25.1	6.38	77.8	82.5	88. 1	152 .9	84. 9	97.3	84. 8	79. 1	111	90.9	120 .9	76. 2
W5PK66	PARK 7	DJ-1_PfpI domain-containing protein OS=Ovis aries OX=9940 GN=PARK7 PE=4 SV=1	43	7	18	7	189	20.1	7.33	129. 7		140 .7	186 .4	116 .4		134 .2	121	115		138 .1	113 .8
W5PD48	FAM4 9B	Uncharacterized protein OS=Ovis aries OX=9940 GN=FAM49B PE=4 SV=1	27	6	12	6	373	42.1	7.75				461 .6				376				346 .9
W5NRR7	SERPI NA7	Thyroxine-binding globulin OS=Ovis aries OX=9940 GN=SERPINA7 PE=3 SV=1	18	7	20	7	435	48.7	6.25	90.5	98.1	101 .7	65. 8	104 .1	85.5	103 .4	113	129	109	96. 6	87. 5
W5PMP1	COTL 1	ADF-H domain-containing protein OS=Ovis aries OX=9940 GN=COTL1 PE=4 SV=1	44	8	15	8	142	16	5.22	132. 4			387 .7	206			153	169			126 .8
W5QFL1	LOC10 111628 6	Tubulin alpha chain OS=Ovis aries OX=9940 GN=LOC101116286 PE=3 SV=1	21	8	13	3	452	50.3	5.03				762 .6				310				273 .8
W5QI03	TPM1	Uncharacterized protein OS=Ovis aries OX=9940 GN=TPM1 PE=3 SV=1	12	4	12	1	294	33.9	4.82	315. 3				325 .6				341			
C5IJ83	RAB8 A	RAB8A OS=Ovis aries OX=9940 GN=RAB8A PE=2 SV=1	25	4	17	1	207	23.7	9.06				273 .4				459				425 .1
W5QI70	CTSS	Uncharacterized protein OS=Ovis aries OX=9940 GN=CTSS PE=3 SV=1	12	4	13	4	342	38.2	7.62	66.3	90	98. 7	193 .2	85. 4	83.5	111 .2	62. 7	79. 4	92.5	78	59. 8

W5QFN8	LOC101109129	Histone H4 OS=Ovis aries OX=9940 GN=LOC101109129 PE=3 SV=1	39	5	18	5	111	12.4	11.2	93.2		133	221	102		123	108	118		139	97.9
W5Q5Q6	COL14A1	Uncharacterized protein OS=Ovis aries OX=9940 GN=COL14A1 PE=4 SV=1	7	8	11	8	1655	180.4	5.29	114.2		125	74.	116		126	140	172		119	168
W5QA24		Histone H2B OS=Ovis aries OX=9940 PE=3 SV=1	36	5	17	5	141	15.7	10.2	64.7	87.8	81.	146	72.	115.	118	85.	54.		97.	72.
W5PI67	IDS	Sulfatase domain-containing protein OS=Ovis aries OX=9940 GN=IDS PE=4 SV=1	14	4	10	4	420	47.1	5.3	94.5	84.5	93.	76.	108	90.6	99.	87.	110	105	103	106
W5PAM5	RBP1	Retinol binding protein 1 OS=Ovis aries OX=9940 GN=RBP1 PE=3 SV=1	24	3	11	3	135	15.8	5.11	184.	112.	130	156	83.	102.	78.	82.	82.	80.2	90.	79.
W5P2R0		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	23	4	13	3	208	23.6	7.03		162.	128	311		98.6	140	76.		111	138	80.
W5PIW6	PRTN3	Peptidase S1 domain-containing protein OS=Ovis aries OX=9940 GN=PRTN3 PE=3 SV=1	13	3	14	3	253	27.2	7.9	145.			410	152			132	212			125
W5PGJ7	PYCARD	Uncharacterized protein OS=Ovis aries OX=9940 GN=PYCARD PE=4 SV=1	33	5	9	5	196	22.1	5.49				861				272				215
W5NQH6	S100A9	Protein S100 OS=Ovis aries OX=9940 GN=S100A9 PE=3 SV=1	34	6	24	6	133	14.9	6.42	95.8	99	77.	259	84.	89	96.	58.	88.	80.4	154	46.
B9VH00	FABP5	Fatty acid binding protein 5 OS=Ovis aries OX=9940 GN=FABP5 PE=2 SV=1	53	6	15	6	135	15.1	7.69	63.8	91.6	112	214	48.	133.	112	65.	47.	74	82.	56.
W5PVT6	UBA1	UBA_e1_C domain-containing protein OS=Ovis aries OX=9940 GN=UBA1 PE=3 SV=1	12	9	10	9	1059	117.9	5.78				685				326				277
W5NTB3	CST6	Cystatin domain-containing protein OS=Ovis aries OX=9940 GN=CST6 PE=3 SV=1	38	4	11	4	149	16.4	7.18	103	120.	131		149	132.	145		140	140	124	
W5NVF9		Tubulin alpha chain	17	6	11	1	449	49.7	5.14				758				373				236

		domain-containing protein OS=Ovis aries OX=9940 GN=AZU1 PE=4 SV=1								6			.6	.4							
W5NRW4	TPM4	Uncharacterized protein OS=Ovis aries OX=9940 GN=TPM4 PE=3 SV=1	18	6	12	3	284	32.7	4.74				598				308			306	
													.2							.2	
P82197	PDXK	Pyridoxal kinase OS=Ovis aries OX=9940 GN=PDXK PE=1 SV=1	23	5	8	5	312	34.8	6.33	178.		139	153	123		138	125	122		128	
										3		.8	.9	.9		.8				.6	
W5NW80	GAA	P-type domain-containing protein OS=Ovis aries OX=9940 GN=GAA PE=3 SV=1	8	6	16	6	930	103.1	5.39	84.2	100.	85.	90.		97.	88.	102	109	92.	111	
											4	5	6	106	88.1	3	8		4	.2	
W5PDH4	MMP9	Uncharacterized protein OS=Ovis aries OX=9940 GN=MMP9 PE=3 SV=1	11	6	9	5	700	77.4	5.82				606				384			305	
													.5								
W5QAL0	PRKC SH	EF-hand domain-containing protein OS=Ovis aries OX=9940 GN=PRKCSH PE=4 SV=1	7	4	17	4	536	60.4	4.46	98.4	101	91.	78.	87.	92.4	116	134	125	77.8	81.	57.
												6	2	9		.5			8	1	
W5Q3T9	PDCD 6IP	BRO1 domain-containing protein OS=Ovis aries OX=9940 GN=PDCD6IP PE=4 SV=1	11	8	12	8	875	96.8	6.57	127.		124	180	93.		99.	124	112		143	
										7		.3	.6	2		8				.2	
W5NV14		Ig-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	9	2	26	2	172	17.7	9.35	90.1	68.1	81.	86.	93.	61.9	80.	94.	136	132	146	117
												9	1	9		7	3			.1	.2
W5PTS8	MLEC	Malectin domain-containing protein OS=Ovis aries OX=9940 GN=MLEC PE=4 SV=1	22	4	13	4	224	25.6	5.06	129.	113	126	84.	82.	80.9	110	85.	113	92.6	85.	121
										2		.1	8	4		.3	8			3	
W5PTA8	FURI N	P/Homo B domain-containing protein OS=Ovis aries OX=9940 GN=FURIN PE=3 SV=1	10	5	12	5	712	78.2	6.62	124.	130.	102	93.	81.	89.5	100	105	102	98.6	102	102
										6	7	.7	8	3		.7				.4	
W5Q0Q1	YWH AQ	14_3_3 domain-containing protein OS=Ovis aries OX=9940 GN=YWHAQ PE=3 SV=1	26	6	22	2	251	28.3	4.79				719				316			317	
													.3							.5	
W5PK95	HNRN PA2B1	Uncharacterized protein OS=Ovis aries OX=9940 GN=HNRNPA2B1 PE=4 SV=1	33	11	16	10	353	37.4	8.95		162.		325		193.		161		197	146	
											8		.6		9					.8	
W5PG41	H6PD	Uncharacterized protein	12	9	26	9	767	86.7	6.74	77.6	134.	104	116	86.	103.	140	98.	99.	74.9	78.	89

		OS=Ovis aries OX=9940 GN=H6PD PE=4 SV=1									4	.4		4	2	.1	1	6		4	
W5PYK8	VNN2	CN hydrolase domain-containing protein OS=Ovis aries OX=9940 GN=VNN2 PE=4 SV=1	10	4	11	4	521	58.5	7.14	116. 6	88.3	95. 4	146 .8	72. 5	149	156 .6	77. 5	96. 7	73	90. 1	75. 9
W5Q6G0	LOC10111440	IF rod domain-containing protein OS=Ovis aries OX=9940 GN=LOC10111440 PE=3 SV=1	8	6	21	1	531	58	8.22		135. 9	71	69. 6		106. 5	100 .5	130		132	99	163 .3
Q5MPQ1	TGFB2	Transforming growth factor beta 2 (Fragment) OS=Ovis aries OX=9940 GN=TGFB2 PE=2 SV=1	19	9	26	1	400	46.2	8.63				296 .4				435				390 .1
W5NU86	GLA	Alpha-galactosidase OS=Ovis aries OX=9940 GN=GLA PE=3 SV=1	21	7	18	7	439	49.6	5.53	102. 7	98	85. 1	81. 2	94. 9	91.8	95. 6	97. 7	104	101	104 .4	103
W5PIU7	MTPN	Myotrophin OS=Ovis aries OX=9940 GN=MTPN PE=4 SV=1	14	1	5	1	119	13.2	6.92				543 .9				311				367
W5PJB6	PGM1	Uncharacterized protein OS=Ovis aries OX=9940 GN=PGM1 PE=3 SV=1	13	8	15	8	595	65.2	7.97	100. 9	93.9	101 .3	140 .2	94. 6	73.4	87. 4	83. 7	93. 6	128	104	85. 1
A0A068JAR6	RETN	Resistin OS=Ovis aries OX=9940 GN=RETN PE=2 SV=1	41	4	10	4	109	11.5	7.93	121. 9			297 .7	153 .7			189	236			133 .4
W5PLV2	ALDH2	Aldehyd domain-containing protein OS=Ovis aries OX=9940 GN=ALDH2 PE=3 SV=1	18	7	8	6	520	56.7	7.65				587 .9				349				328
Q7M371		Plasma proteinase inhibitor (Fragment) OS=Ovis aries OX=9940 PE=1 SV=1	40	1	21	1	20	2.2	4.61	108. 8	91.1	92. 9	72. 1	102 .8	75.5	103 .8	115	89. 4	134	95. 6	81. 2
W5NYE6		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	5	2	9	2	453	50.6	7.33	71.2	105. 2	93. 9	119	96. 1	126. 6	133 .2	109	86. 4	83.4	93. 2	84. 3
W5PR81	TARS	AA_TRNA_LIGASE_II domain-containing protein OS=Ovis aries OX=9940 GN=TARS PE=3 SV=1	20	13	20	13	723	83.4	6.58				643 .2				342				305 .5
W5PIA0	CUTA	Uncharacterized protein OS=Ovis aries OX=9940 GN=CUTA PE=4 SV=1	16	2	11	2	177	18.8	5.48	19.1	94.7	83. 8	12. 7	271 .8	117. 4	134	259	74. 9	87.7	91. 2	77. 3

W5PRL0	EPHA7	Uncharacterized protein OS=Ovis aries OX=9940 GN=EPHA7 PE=3 SV=1	8	6	10	6	998	112	5.83	206.1	214.5			201.7	186.1			221	175		
W5QBA3	SMPD1	Sphingomyelin phosphodiesterase OS=Ovis aries OX=9940 GN=SMPD1 PE=3 SV=1	9	5	13	1	603	66.6	7.06	164.7	186.6			187.6	172.1			187	226		
A2P2H1	VH	VH region (Fragment) OS=Ovis aries OX=9940 GN=VH PE=2 SV=1	22	3	18	3	138	15.1	9.06	100.5	89.3	103.4	84.8	87	91	81.1	93.6	105	96.9	105.1	98.5
W5NTA0	HIST1H1C	Histone cluster 1 H1 family member c OS=Ovis aries OX=9940 GN=HIST1H1C PE=3 SV=1	17	4	10	3	267	27.1	11.2	119.2	139.4		138.3	120.2	144.7		133	122	125		125.3
W5QC35	PDIA4	Protein disulfide-isomerase OS=Ovis aries OX=9940 GN=PDIA4 PE=3 SV=1	15	8	19	8	647	72.5	5.02	93.4	85.6	97.6	115.4	91	100	103.1	106	99.2	95.6	102.2	83.7
W5QD49	PSME1	Uncharacterized protein OS=Ovis aries OX=9940 GN=PSME1 PE=4 SV=1	23	4	12	4	249	28.7	6.29	216.9			267.3	186.2			180	185			163.7
Q10994	CSTB	Cystatin-B OS=Ovis aries OX=9940 GN=CSTB PE=1 SV=1	63	4	25	2	98	11.1	6.79	126.4	125.1		152.9	132.5	136.9		115	131	123		114
W5PPU6	TNFRSF21	Uncharacterized protein OS=Ovis aries OX=9940 GN=TNFRSF21 PE=4 SV=1	4	2	7	2	618	67.8	7.56	133.2	113.7	92.9	84.3	85.8	106.1	90.6	128	95.7	88.8	72.1	89.7
W5NUE3	PRDX1	Thioredoxin domain-containing protein OS=Ovis aries OX=9940 GN=PRDX1 PE=4 SV=1	19	5	20	5	242	27.1	8.91	92.8	95.4	102.4	143.9	83.2	100.2	113.7	88	91.2	105	85.4	79.9
W5P0E4	EFNA1	Ephrin RBD domain-containing protein OS=Ovis aries OX=9940 GN=EFNA1 PE=3 SV=1	10	2	12	2	200	23.1	7.34	93.9	105.8	85.7	101.4	103.5	125.1	147.3	117	114	82.4	88.7	103.9
W5Q2V0	YKT6	Uncharacterized protein OS=Ovis aries OX=9940 GN=YKT6 PE=3 SV=1	28	5	22	5	198	22.4	6.58	137.3	106.2	114.1	84.8	99.1	101.2	106.5	97.9	93.7	93.5	109.3	117.2
W5P2K9	LMAN2	L-type lectin-like domain-containing protein OS=Ovis aries OX=9940 GN=LMAN2 PE=4 SV=1	14	4	12	4	361	40.5	7.18	108.9	111.2	112.1	89.6	101.7	96.3	103.9	107	105	91	85.1	101.8
W5P1A5	GBA	Glucosylceramidase OS=Ovis aries OX=9940	16	6	11	6	536	59.9	7.18	97.3	106.6	96.9	110	102	126.1	82.6	96.4	115	86.6	76.6	97

		GN=GBA PE=3 SV=1																					
W5QDZ3	ARPC 2	Arp2/3 complex 34 kDa subunit OS=Ovis aries OX=9940 GN=ARPC2 PE=3 SV=1	17	7	14	6	375	41.7	8.78			813				274				244			
W5PZM9	ANXA 5	Annexin OS=Ovis aries OX=9940 GN=ANXA5 PE=3 SV=1	11	2	5	2	339	38.1	4.98	139. 7		116	217	127		120	93.		113	150	130		
W5P610	CLIC1	Chloride intracellular channel protein OS=Ovis aries OX=9940 GN=CLIC1 PE=3 SV=1	35	6	7	6	251	28.1	5.55			692					307				274		
W5PRQ8	HSD1 7B14	Uncharacterized protein OS=Ovis aries OX=9940 GN=HSD17B14 PE=3 SV=1	3	1	28	1	227	23.9	6.33	104. 2	80.6	99	48	103	123.	94.	61.		113	105	130	156	
W5PHQ8	TSTD1	Rhodanese domain-containing protein OS=Ovis aries OX=9940 GN=TSTD1 PE=4 SV=1	53	5	21	5	136	14.9	9.58	97	93.5	80.	62.	105		94.3	106		104	109	93.8	85	122
W5Q791	KEL	Uncharacterized protein OS=Ovis aries OX=9940 GN=KEL PE=4 SV=1	10	7	14	7	740	83	8.21	120. 1	167. 4	133	101	100		43.8	75.		103	93.	99.6	112	71.
A2TJ54	CLN5	Ceroid-lipofuscinosis neuronal protein 5 OS=Ovis aries OX=9940 GN=CLN5 PE=2 SV=1	25	8	23	8	361	41.3	8.16	75.6	85.8	79.	83.	116		93.4	103		101	104	94.2	95.	103
W5PG55	SELE NOP	Selp_N domain-containing protein OS=Ovis aries OX=9940 GN=SELENOP PE=4 SV=1	12	3	14	3	207	23.7	6.71	109. 9	121. 2	82.	79.	89.		99.5	76.		101	107	95.5	94.	112
W5P813	COL4 A1	Collagen IV NCI domain-containing protein OS=Ovis aries OX=9940 GN=COL4A1 PE=4 SV=1	2	3	12	3	1574	151.6	8.72	230. 3	131. 2	141		110	128.	124			142	132		122	
W5P229	MASP 2	Uncharacterized protein OS=Ovis aries OX=9940 GN=MASP2 PE=3 SV=1	10	6	13	6	710	78.5	6.57	88	148. 1	85.	105	97.		93.5	117		80.	102	81.2	92	121
W5NSY8	SH3B GRL	SH3 domain-binding glutamic acid-rich-like protein OS=Ovis aries OX=9940 GN=SH3BGRL PE=3 SV=1	40	6	13	6	99	11.2	5.05	171. 3			409	182					128	193			114
W5PRJ4	VCP	Uncharacterized protein	14	7	8	7	812	89.9	5.33			149	334			255	162				195	157	

		OS=Ovis aries OX=9940 GN=VCP PE=3 SV=1										.7				.5				.1	.7
W5PNK3	ACAN	Uncharacterized protein OS=Ovis aries OX=9940 GN=ACAN PE=4 SV=1	3	6	10	6	2206	230.4	4.32	372. 4				409			430				
W5NUI6	SGSH	Uncharacterized protein OS=Ovis aries OX=9940 GN=SGSH PE=4 SV=1	8	4	14	4	622	69	7.85	96.9	98.1	90. 7	115	102 .1	98.3	90. 5	93. 3	102	102	102 .7	91. 1
W5NQK9	S100A 8	EF-hand domain-containing protein OS=Ovis aries OX=9940 GN=S100A8 PE=3 SV=1	37	5	21	5	97	11.3	5.49	142. 8	119. 6		278 .3	59. 4	132. 5		91. 2	117	125		86. 1
W5Q5N9	KRT8	IF rod domain-containing protein OS=Ovis aries OX=9940 GN=KRT8 PE=3 SV=1	17	8	20	6	472	52.9	5.82	78.9	96	104 .1	68	92. 3	103. 8	84	117	118	95.7	100 .8	117 .1
W5PEN1	TPD52	Uncharacterized protein OS=Ovis aries OX=9940 GN=TPD52 PE=4 SV=1	21	4	10	4	251	27.4	5.11	131. 5	132. 4		170 .3	144 .8	155		117	153	128		120
W5NZ74	HK3	Uncharacterized protein OS=Ovis aries OX=9940 GN=HK3 PE=3 SV=1	12	8	11	8	951	102.4	5.38				520 .3				364				351 .5
W5PK33	EFHD 2	Uncharacterized protein OS=Ovis aries OX=9940 GN=EFHD2 PE=4 SV=1	28	6	16	6	240	26.3	5.11	114. 5	135		206 .5	106 .8	135. 9		110	162	115		102 .6
W5QH64	SNAP 23	Synaptosomal-associated protein OS=Ovis aries OX=9940 GN=SNAP23 PE=3 SV=1	32	4	8	4	211	23.2	4.94	132. 5		158 .7	160 .2	67. 4		86	119	130		153 .9	128 .6
W5QFQ1	MDH1	Malate dehydrogenase OS=Ovis aries OX=9940 GN=MDH1 PE=3 SV=1	16	6	20	6	352	38.4	6.02	95.5	93.7	96	104 .4	96. 3	109. 6	100 .9	101	93	87.8	108 .5	97
W5QGG6	CCT2	Uncharacterized protein OS=Ovis aries OX=9940 GN=CCT2 PE=3 SV=1	12	4	5	4	535	57.5	6.54				481 .1				387				339 .9
C5IJA1		RAC1 OS=Ovis aries OX=9940 PE=2 SV=1	39	7	18	6	192	21.4	8.5	206. 4		149 .5	165 .3	123		138 .4	122	114		128	124 .4
W5P599	EPCAM	Thyroglobulin type-1 domain-containing protein OS=Ovis aries OX=9940 GN=EPCAM PE=4 SV=1	12	3	8	3	315	35.3	7.9	113. 6		101 .7	101 .8	131 .2		138 .1	149	153		136	126 .1
W5Q5K9	ARPC 3	Actin-related protein 2/3 complex subunit 3 OS=Ovis aries OX=9940	7	1	4	1	200	22.7	8.19				116 5.1				173				132 .8

		GN=ARPC3 PE=3 SV=1																			
W5PHQ0	MPO	Uncharacterized protein OS=Ovis aries OX=9940 GN=MPO PE=4 SV=1	12	6	10	6	745	84.3	9.69	161			383	149			159	177			128
													.7								.6
W5PVV7	MIA3	SH3 domain-containing protein OS=Ovis aries OX=9940 GN=MIA3 PE=4 SV=1	2	3	9	3	1917	212.1	4.93	115.	95.6	86.	78.	131	76.2	118	112	90	109	98.	102
										6		5	5	.7		.7				7	.4
W5P089	CASC 4	Uncharacterized protein OS=Ovis aries OX=9940 GN=CASC4 PE=4 SV=1	13	4	11	4	330	36.9	4.98	113	131.	105		123	118.	140		177	154		128
											9	.1			8	.1					.9
W5PDJ6	GPX3	Glutathione peroxidase OS=Ovis aries OX=9940 GN=GPX3 PE=3 SV=1	46	7	32	7	151	17.3	7.28	71.4	96.6	108	80.	73.	116.	115	104	89.	80.3	56.	110
												.2	8	8	2	.3		3		7	.5
W5NY22	PCMT 1	Protein-L-isoaspartate O-methyltransferase OS=Ovis aries OX=9940 GN=PCMT1 PE=3 SV=1	16	3	6	3	212	22.8	5.8	201.				227	176		197	186			199
										1				.1	.7						.5
W5NXU4	LOC10 110829 7	C-type lectin domain-containing protein OS=Ovis aries OX=9940 GN=LOC101108297 PE=4 SV=1	11	3	6	2	357	36.1	9.13			246			272						782
												.3			.5						.6
C8BKC3	TIMP2	Metalloproteinase inhibitor 2 OS=Ovis aries OX=9940 GN=TIMP2 PE=2 SV=1	11	3	8	3	220	24.3	7.47	113.		102	114	130		139	133	154			111
										5			.8			.8					.6
W5PWA8	HSPB 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=HSPB1 PE=4 SV=1	19	4	12	4	184	19.5	8.37				763				266				313
													.9								.5
W5P2L1	SKA1	Uncharacterized protein OS=Ovis aries OX=9940 GN=SKA1 PE=4 SV=1	3	1	33	1	255	29.6	8.06	103.	104	76.	76.	109	102.	108	114	119	102	106	108
										4		8	2	.5	5	.3				.9	.9
W5P862	FAM2 OC	FAM20C golgi associated secretory pathway kinase OS=Ovis aries OX=9940 GN=FAM20C PE=4 SV=1	16	8	15	7	466	53.3	8.72	99.1	100.	107	99.	100	103.	104	88.	110	96.8	77.	95.
											1	.8	2	.1	8	3				3	1
W5P6M9	CPXM 1	F5/8 type C domain-containing protein OS=Ovis aries OX=9940 GN=CPXM1 PE=4 SV=1	5	3	14	3	727	81.3	6.61	88.8	92.2	98.	95.	89.	100.	104	94.	103	101	79.	93.
												8	5	2	8	.4	1			8	4
W5QGP4	APOD	Apolipoprotein D OS=Ovis aries OX=9940 GN=APOD PE=3 SV=1	18	3	6	3	213	24.1	5.6	70	91.6	102	127	83.	72.4	87.	93.	94.	119	94.	69.
												.9	.7	6		8	9	7		2	8
W5PJ63	LOC10	Hypoxanthine	22	4	7	4	218	24.5	6.87		189.		233		181.		197		207		180

	110965 7	phosphoribosyltransferase OS=Ovis aries OX=9940 GN=LOC101109657 PE=3 SV=1									7		.4		5							.3
A1X185	g6pd	Glucose-6-phosphate 1-dehydrogenase OS=Ovis aries OX=9940 GN=g6pd PE=2 SV=1	12	6	8	1	515	59.7	6.39				658							345		288 .4
W5P601	STOM	PHB domain-containing protein OS=Ovis aries OX=9940 GN=STOM PE=4 SV=1	26	7	21	7	279	30.9	7.05	105. 7	106. 3	116 .4	135 .4	92. 8	65	87. 7	89. 3	87	96.4	84. 5	83. 7	
W5PWD6	YWH AG	14-3-3 protein gamma OS=Ovis aries OX=9940 GN=YWHAG PE=3 SV=1	24	6	23	1	225	25.7	4.83				823 .5							243		353
W5QGE5	SPINT 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=SPINT1 PE=4 SV=1	5	2	12	2	544	60.4	7.15	93	85.4	103 .7	66. 9	110	91.2	102 .4	105	109	95.7	91. 6	100 .2	
W5QE15	CHI3L 2	Glyco_18 domain-containing protein OS=Ovis aries OX=9940 GN=CHI3L2 PE=3 SV=1	10	3	9	3	395	44.1	8.88	137. 1			223 .7	201 .3			197	290			183 .1	
W5QHZ4	RAB8 B	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAB8B PE=4 SV=1	20	3	12	1	198	22.8	9.23				371 .8						381			323 .4
W5P645	RAB1 4	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAB14 PE=4 SV=1	17	4	14	3	215	23.9	6.21			189 .1	243 .7			201 .4	178				201 .2	184 .3
P68116	FGB	Fibrinogen beta chain (Fragment) OS=Ovis aries OX=9940 GN=FGB PE=1 SV=1	60	1	4	1	20	2.3	4.44	63.8	94.3	100	33. 6	130 .8	71.9	91. 9	121	94. 4	159	97. 6	106 .2	
W5PK02	POST N	Uncharacterized protein OS=Ovis aries OX=9940 GN=POSTN PE=4 SV=1	4	2	4	2	836	93.3	7.4	266. 6			216 .2	206 .4					250	175		153
W5PVL5	HSPA 4	Uncharacterized protein OS=Ovis aries OX=9940 GN=HSPA4 PE=4 SV=1	9	5	5	5	841	94.5	5.21				594							356		289 .4
W5PHX1	AHCY	AdoHcyase_NAD domain-containing protein OS=Ovis aries OX=9940 GN=AHCY PE=3 SV=1	22	9	13	9	432	47.7	6.18	94.2	127		132 .7	115 .4	129. 3		152	150	141			115 .7
W5PLD5	CNN2	Calponin OS=Ovis aries OX=9940 GN=CNN2	27	7	13	7	309	33.4	7.65				541 .8							372		341 .9

		PE=3 SV=1																				
W5Q834	ERO1 A	Uncharacterized protein OS=Ovis aries OX=9940 GN=ERO1A PE=4 SV=1	12	6	15	6	471	54.2	6.68		130. 7	90. 6	109 .4		132. 7	196 .1		186		108	94. 8	123 .7
W5P8V8	EPHA 5	Receptor protein-tyrosine kinase OS=Ovis aries OX=9940 GN=EPHA5 PE=4 SV=1	4	2	5	2	973	108	6.43	118. 8	108. 5		62. 6	144 .2	110. 9			216	172	127		113 .5
W5NUN8	AKR1 A1	Aldo_ket_red domain-containing protein OS=Ovis aries OX=9940 GN=AKR1A1 PE=4 SV=1	10	2	6	2	325	36.6	7.27	102. 9	99.2	91. 1	125 .3	88. 8	97.8	77. 6	87. 1		114	97.6	104 .1	81
W5Q9D5	VTN	SMB domain-containing protein OS=Ovis aries OX=9940 GN=VTN PE=4 SV=1	7	3	16	3	475	53.5	6.16	89	88.7	104 .5	47. 3		99	79.8	76. 2	87. 1	88. 7	114	96	134 .5
W5NVB9	ARPC 5	Actin-related protein 2/3 complex subunit 5 OS=Ovis aries OX=9940 GN=ARPC5 PE=3 SV=1	33	5	7	5	170	18.3	9.61				581 .9					332				299
W5P7X3	TALD O1	Transaldolase OS=Ovis aries OX=9940 GN=TALDO1 PE=4 SV=1	22	6	13	3	245	27.1	6.8	95.8	122. 5		195 .2	96. 1	136. 4			115	97. 6	111		88. 8
W5P694	RPLP2	Uncharacterized protein OS=Ovis aries OX=9940 GN=RPLP2 PE=3 SV=1	25	2	10	2	111	11.6	4.61	79.5	91.1	94. 1	86. 8	104 .2	111. 1	109 .2		112	87. 1	78.4	102 .4	101 .2
W5QFH0	ARSA	Sulfatase domain-containing protein OS=Ovis aries OX=9940 GN=ARSA PE=4 SV=1	11	4	10	3	507	53.7	5.4	199. 1		187 .8		191 .2		208 .1			231		191 .5	
W5Q961	LOC10 110794 7	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101107947 PE=4 SV=1	7	2	9	2	254	28.4	5.8	88.2	121. 4	80. 3	69. 2	114 .6	92.1	113	99. 4	101	90.5	112		102 .2
W5Q8I4	ST13	TPR_REGION domain-containing protein OS=Ovis aries OX=9940 GN=ST13 PE=4 SV=1	13	4	7	4	390	43.3	5.62				478 .2					388				311 .6
W5PZJ8	ASRG L1	Uncharacterized protein OS=Ovis aries OX=9940 GN=ASRGL1 PE=4 SV=1	17	5	8	5	312	32.4	7.72				675					326				273 .1
W5QEM5	CAPZ A1	F-actin-capping protein subunit alpha OS=Ovis aries OX=9940	31	6	8	6	292	33.5	6.46				764 .5					293				258 .8

		GN=CAPZA1 PE=3 SV=1																			
W5P9M2	PTGR 1	PKS_ER domain-containing protein OS=Ovis aries OX=9940 GN=PTGR1 PE=4 SV=1	7	1	2	1	329	35.7	7.81			143	199			171	241			315	151
												.1	.7			.6				.7	.2
W5QIH4	MARC KSL1	MARCKS like 1 OS=Ovis aries OX=9940 GN=MARCKSL1 PE=4 SV=1	12	3	7	3	241	24.9	6.81	192.	82.9	111	135	65.	121.	80.	81.	59	96.4	79.	82.
										4		.6	.2	6	5	1	1			3	2
W5PDW1	ESM1	IGFBP N-terminal domain-containing protein OS=Ovis aries OX=9940 GN=ESM1 PE=4 SV=1	27	4	10	4	183	19.8	6.35	149.	151.		165	91.	109.			104	122	120	93.
										7	7		.6	2	8						9
W5PP47	LOC10 112326 5	Cystatin domain-containing protein OS=Ovis aries OX=9940 GN=LOC101123265 PE=3 SV=1	41	3	9	1	98	11.3	6.79				419					364			388
													.2								.9
W5NY46	PON1	Uncharacterized protein OS=Ovis aries OX=9940 GN=PON1 PE=4 SV=1	14	4	6	4	355	39.9	5.35		203.		267		196.			157		161	159
											7		.9		9						.6
W5P4I1		Glutaredoxin domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	25	4	12	4	178	19.1	10.6			192	370			164	146			254	130
												.7	.2		.5					.7	.8
W5Q9V4	RAB3 D	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAB3D PE=4 SV=1	12	2	11	1	226	25.2	5.22				641					410			269
													.9								.5
W5QIW1	LGAL S3	Galectin OS=Ovis aries OX=9940 GN=LGALS3 PE=4 SV=1	17	4	6	4	249	26.2	8.85	179.			376	167				145	209		131
										5			.3	.2							.6
W5QCT3	CGRE F1	Uncharacterized protein OS=Ovis aries OX=9940 GN=CGREF1 PE=4 SV=1	26	4	8	4	265	28.5	4.36	93.6	85.2	91.	75.		88	95.1	99.	102	119	109	99.
												5	4			2				3	5
B6DZJ7		Matrix metalloproteinase 9 (Fragment) OS=Ovis aries OX=9940 PE=2 SV=1	19	2	3	1	166	18	4.73				289					468			400
													.3								.1
W5P8W4	LOC10 110993 9	Lipoaln_cytosolic_FA-bd_ dom domain-containing protein OS=Ovis aries OX=9940 GN=LOC101109939 PE=3 SV=1	18	4	12	4	182	20.8	5.12	178.	86.7	116	60.	69.		62.4	46.	89.	118	124	93.
										4		.9	1	2		5	1			4	.9
W5PDL1	WDR1	WD_REPEATS_REGION	10	6	7	6	650	70.9	7.11									273			226

		domain-containing protein OS=Ovis aries OX=9940 GN=WDR1 PE=4 SV=1												.3							.6
W5Q605	SEMA 3C	Uncharacterized protein OS=Ovis aries OX=9940 GN=SEMA3C PE=3 SV=1	2	1	4	1	751	85.1	8.68	161. 4		205 .4	154 .8	93. 6		112 .7	175	116		65. 1	127 .3
W5QB90	ALOX 15B	Lipoxygenase domain-containing protein OS=Ovis aries OX=9940 GN=ALOX15B PE=3 SV=1	6	3	4	3	669	74.7	7.01				647 .8				366				262 .3
W5QH35	CAPG	Uncharacterized protein OS=Ovis aries OX=9940 GN=CAPG PE=4 SV=1	18	6	8	6	396	43.6	7.49	170. 7			265 .5	242 .8			164	155			162 .1
W5PUQ1	SLC39 A8	Uncharacterized protein OS=Ovis aries OX=9940 GN=SLC39A8 PE=4 SV=1	4	2	10	2	461	49.7	6.32	173. 8	135. 7	104 .2	183 .8	71. 1	86.6	82. 9	79. 4	57. 1	85.4	127 .5	67. 2
W5NYZ7	CREB 3L1	BZIP domain-containing protein OS=Ovis aries OX=9940 GN=CREB3L1 PE=4 SV=1	5	2	19	2	514	56.5	5.16	102. 3	78.8	85. 2	55. 7	100	82.3	94. 3	119	117	126	106 .1	107 .3
W5PK27	MYL6	Myosin light chain 6 OS=Ovis aries OX=9940 GN=MYL6 PE=4 SV=1	20	4	7	4	214	23.4	5.24				628 .7				339				309 .2
W5PJU3	FMNL 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=FMNL1 PE=4 SV=1	5	4	4	4	1085	120.5	6.09				646 .5				307				295
W5PCR7	RELT	TNFR-Cys domain-containing protein OS=Ovis aries OX=9940 GN=RELT PE=4 SV=1	3	1	7	1	455	47.5	8.43	133. 3	130. 2	110 .9		133 .1	126. 3	125 .6		147	124		143 .4
A0A0H5FR L0	Ovar-I	MHC class I antigen (Fragment) OS=Ovis aries OX=9940 GN=Ovar-I PE=2 SV=1	22	3	6	3	153	17.7	5.17	94.3	115. 9	116		127 .1	127	135		146	133	143	
W5PLE9	ERP29	Uncharacterized protein OS=Ovis aries OX=9940 GN=ERP29 PE=4 SV=1	12	3	8	3	260	29	5.82	112	105. 5		181 .6	106 .2	120. 2		147	148	134		107 .8
W5QDB7	LOC10 110783 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101107831 PE=4 SV=1	19	4	10	1	229	26.8	8.1			229 .7	182 .6			198 .6	213			178 .1	154 .2
W5PYQ7	RPS12	40S ribosomal protein S12	17	1	2	1	132	14.5	7.21			147	220			222	307			242	122

		OS=Ovis aries OX=9940 GN=RPS12 PE=3 SV=1										.9	.4			.8				.2	.7
W5QIU6	LOC101122014	C-type lectin domain-containing protein OS=Ovis aries OX=9940 GN=LOC101122014 PE=4 SV=1	13	1	2	1	164	18.3	5.88		392.4				362.5					453	
W5PJP4	LIFR	Uncharacterized protein OS=Ovis aries OX=9940 GN=LIFR PE=4 SV=1	4	4	8	4	1135	127.6	5.69	100.5	94.9	98.4	85.4	121.6	122.1	98.6	96.4	102	114	91	114.6
W5P1W7		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	20	5	5	5	306	34.1	4.84				558.9				343				308
W5PD62	CPB2	Peptidase_M14 domain-containing protein OS=Ovis aries OX=9940 GN=CPB2 PE=4 SV=1	8	3	7	3	423	48.7	8.46	85.7	100.1	92.7	64.5	92.5	85.6	92.9	118	105	109	112.5	103.9
W5P417	YWHAH	14_3_3 domain-containing protein OS=Ovis aries OX=9940 GN=YWHAH PE=3 SV=1	15	4	20	1	220	25.2	4.87				799.8				288				242.1
B9VQ09	IGFBP-7	Insulin-like growth factor-binding protein-7 OS=Ovis aries OX=9940 GN=IGFBP-7 PE=2 SV=1	13	3	13	1	282	29	7.9	116.1	121	116.3		143.8	127	156		152	177	120.7	
W5PF04	MAN1A1	alpha-1,2-Mannosidase OS=Ovis aries OX=9940 GN=MAN1A1 PE=3 SV=1	6	3	7	3	563	64	6.93	102.3	112.8	132.4	80.3	110	105.9	95.2	113	115	99.5	92	112.4
C5ISA7	GNAZ	GNAZ OS=Ovis aries OX=9940 GN=GNAZ PE=2 SV=1	16	4	4	4	355	40.4	5.54				880.3				239				251.4
W5QFG6	ACTR2	Actin-related protein 2 OS=Ovis aries OX=9940 GN=ACTR2 PE=3 SV=1	9	3	4	3	458	52.2	8.6				456.9				401				334.1
W5Q3H9	UPP1	Uridine phosphorylase OS=Ovis aries OX=9940 GN=UPP1 PE=3 SV=1	10	3	4	3	307	33.8	6.44				642.2				333				312.7
W5QA54	LOC101119629	Clq domain-containing protein OS=Ovis aries OX=9940 GN=LOC101119629 PE=4 SV=1	11	2	13	2	212	22.5	5.31	111.4	122.2		104.5	137.5	145.7		173	162	134		122.2
W5Q0F3	TGFBI	Uncharacterized protein	2	1	3	1	645	70.3	6.73		157.	167			175.	224			257	219	

		OS=Ovis aries OX=9940 GN=TGFB1 PE=4 SV=1									8	.2			2	.4				.4	
M4WDN5	Thym B4X	Thymosin beta OS=Ovis aries OX=9940 GN=ThymB4X PE=2 SV=1	64	4	21	4	44	5.1	5.06	75.2	88.9	79. 3	274 .1	60. 4	115. 1	108 .4	44	72. 9	72.6	146 .7	42. 8
W5QB24	ANP3 2A	LRRcap domain-containing protein OS=Ovis aries OX=9940 GN=ANP32A PE=4 SV=1	14	3	6	3	253	28.7	4.2				540 .8				388				297 .6
W5PAK2		Uncharacterized protein OS=Ovis aries OX=9940 PE=3 SV=1	11	3	3	3	320	36.9	4.6	136. 8			426 .1	174 .7			162	216			105 .6
W5PVG1	CAPN 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=CAPN1 PE=3 SV=1	9	6	8	6	729	83.6	5.59				635 .4				300				290 .7
W5Q560	OGFO D3	Fe2OG dioxygenase domain-containing protein OS=Ovis aries OX=9940 GN=OGFOD3 PE=4 SV=1	7	2	5	2	315	34.9	8.25	118. 1		117 .5	82. 2	129 .3		115 .4	194	172		143 .7	130 .6
W5PCT4	SLC34 A2	Uncharacterized protein OS=Ovis aries OX=9940 GN=SLC34A2 PE=4 SV=1	6	5	14	5	749	81.7	7.94	177. 1	197. 4	121 .9		107 .9	115. 4	111 .6		90	112	129 .3	
W5Q8A7	RALA	Uncharacterized protein OS=Ovis aries OX=9940 GN=RALA PE=4 SV=1	17	3	6	2	206	23.5	7.11	214. 2	163. 6			199	216. 2			193	215		
W5QGY1	IL1RA P	Uncharacterized protein OS=Ovis aries OX=9940 GN=IL1RAP PE=4 SV=1	6	4	11	4	563	64.8	7.9	99.5	83.7	92. 8	163 .1	88	82.7	103 .5	73. 4	93. 1	109	76. 2	63. 9
W5Q3X2		Peptidylprolyl isomerase OS=Ovis aries OX=9940 PE=4 SV=1	12	1	3	1	108	11.9	9.11			134 .7	156 .1			323 .4	264			186 .8	172 .9
W5P7W6	LOC10 111351 6	BPTI/Kunitz inhibitor domain-containing protein OS=Ovis aries OX=9940 GN=LOC101113516 PE=4 SV=1	11	1	3	1	122	13.3	8.7				809 .9				267				218 .2
B0FZM7		Transaldolase 1 (Fragment) OS=Ovis aries OX=9940 PE=2 SV=1	28	6	11	3	169	18.9	8.38				623 .9				323				313 .8
W5Q0R1	SHBG	LAM_G_DOMAIN domain-containing protein OS=Ovis aries OX=9940	8	2	4	2	425	45.9	6.04	119. 6		105 .3	113 .1	133 .7		118 .8	132	187		134 .1	139 .2

		GN=SHBG PE=4 SV=1																			
W5NUX2		DNA-(apurinic or apyrimidinic site) lyase OS=Ovis aries OX=9940 PE=3 SV=1	9	2	3	2	308	34.3	7.85				597					411			316
													.5								.3
W5QCX5	LOC101104021	Arp2/3 complex 34 kDa subunit OS=Ovis aries OX=9940 GN=LOC101104021 PE=3 SV=1	11	2	7	1	164	18.9	8.37				541					341			359
													.4								.5
W5P5R3	ST3GAL1	Uncharacterized protein OS=Ovis aries OX=9940 GN=ST3GAL1 PE=3 SV=1	5	1	3	1	341	39	9.22	191.			145	198				223	232		211
										4			.8	.7							.1
CSIIA0	RAN	GTP-binding nuclear protein Ran OS=Ovis aries OX=9940 GN=RAN PE=2 SV=1	15	3	6	3	216	24.4	7.49				584					339			351
													.6								.6
W5PNX3	IGFBPL1	Uncharacterized protein OS=Ovis aries OX=9940 GN=IGFBPL1 PE=4 SV=1	6	1	2	1	279	29.4	8.27		323.		123		164.			277		147	197
										2			.4		4						.4
W5PHJ0	CNTFR	Uncharacterized protein OS=Ovis aries OX=9940 GN=CNTFR PE=4 SV=1	9	2	8	2	372	40.6	6.83	102.	121.	80.	92.	96.	80.4	83.	106	101	101	96	97.
										1	8	4	1	1		5					4
J9UXY3	HSP10	HSP10 OS=Ovis aries OX=9940 GN=HSP10 PE=3 SV=1	40	4	10	4	102	10.9	8.92	62.4	101.	101	184	94.	101.	128	96.	75.	89.8	87.	67.
										7	.3	.8	6	9	.3	1	7			1	4
W5PDS4	C1QA	C1q domain-containing protein OS=Ovis aries OX=9940 GN=C1QA PE=4 SV=1	13	2	3	2	244	25.9	8.72	137.		144	96.	102		114	144	157		135	136
										1		.9	1	.4		.8				.9	.4
W5PTU7	CA2	Carbonic anhydrase 2 OS=Ovis aries OX=9940 GN=CA2 PE=3 SV=1	19	4	4	4	263	29.4	7.25				734					301			277
													.1								.4
W5PUF0	IL1R1	Uncharacterized protein OS=Ovis aries OX=9940 GN=IL1R1 PE=4 SV=1	6	2	6	2	573	65.7	7.55	185.		198		190		221			187		180
										2		.8		.1		.4					.6
W5NZ32	CANT1	Uncharacterized protein OS=Ovis aries OX=9940 GN=CANT1 PE=4 SV=1	5	1	2	1	374	41.6	6.2	201.		167		190		171			259		189
										5		.3		.3		.2					.4
W5NX96	ATRN	Uncharacterized protein OS=Ovis aries OX=9940 GN=ATRN PE=4 SV=1	2	3	8	3	1293	144.2	6.96	109.	100.	96.	73.	100		88	95	107	97.	114	109
										9	7	4	6	.4				1			.2
W5PDM7	TPD52	Uncharacterized protein	10	2	5	2	239	25.8	8.35	228.			161	216				200	223		225

	L1	OS=Ovis aries OX=9940 GN=TPD52L1 PE=4 SV=1								5			.7	.3							.2	
W5NZ57	PSMB 10	Proteasome subunit beta OS=Ovis aries OX=9940 GN=PSMB10 PE=3 SV=1	7	1	1	1	273	29	6.13				349				450				392	
													.1								.9	
K4P438	TCTP	Tumor protein translationally-controlled 1 OS=Ovis aries OX=9940 GN=TCTP PE=2 SV=1	13	2	5	2	172	19.6	4.93	195.			248	161				196	210		178	
										7			.5	.1							.9	
W5PFB6	CD177	Uncharacterized protein OS=Ovis aries OX=9940 GN=CD177 PE=4 SV=1	8	2	2	2	441	46.5	7.53				836					290			233	
													.1								.3	
W5P6X2	IGFBP 7	Ig-like domain-containing protein OS=Ovis aries OX=9940 GN=IGFBP7 PE=4 SV=1	30	3	10	1	144	15.6	6.52	257.	203.			198	202.					195	204	
										8	7			.2	4							
W5P338	C1R	Uncharacterized protein OS=Ovis aries OX=9940 GN=C1R PE=3 SV=1	11	9	11	9	719	81.9	5.96	89.3	94.2	109	110	83.	88.4	99.	90.	104	105	91.	89.	
												.1	.1	3		6	5				1	5
W5NSP7	ABRA CL	Costars domain-containing protein OS=Ovis aries OX=9940 GN=ABRACL PE=4 SV=1	37	3	4	3	82	9.1	6.79					569			327				325	
														.3							.5	
W5Q6F0	H2AF X	Histone H2A OS=Ovis aries OX=9940 GN=H2AFX PE=3 SV=1	16	3	9	3	143	15.1	10.7	60.8	100.	123	168	60.	111.	101	82.	55.	96.3	74.	71.	
											1	.8	.8	1	6	.3	7	7		7	4	
W5PCL0	LOC10 110334 3	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101103343 PE=4 SV=1	6	3	16	3	439	48.3	5.94	123.	131.		136	117	99.7	86.	81.	67.	89.5	123	106	
										4	8	115	.4	.6		8	9	6		.8	.4	
W5PTR2	DKKL 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=DKKL1 PE=4 SV=1	12	3	8	3	233	26.4	7.81	127	93.4	137	71.	71.	131.	80.	82.	92.	77.7	60	103	
												.2	7	6	5	6	5	1			.4	
W5QH58	DNAJ B11	J domain-containing protein OS=Ovis aries OX=9940 GN=DNAJB11 PE=4 SV=1	11	3	6	3	358	40.5	6.32	195.			408	139			135	155			134	
										3			.9	.9							.4	
W5Q2R9		UBIQUITIN_CONJUGAT _2 domain-containing protein OS=Ovis aries OX=9940 PE=3 SV=1	18	3	5	3	153	17.4	5.57		214.		334		200.			162		182	145	
											1		.5		7							
W5PAL4		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	29	3	29	3	340	37.6	5.06	148.	92.8	60.	92	76.	53.5	101	97.	87.	195	73.	137	
										5		1	8		.3	5	7			2	.9	

	ALNA C2	OS=Ovis aries OX=9940 GN=ST6GALNAC2 PE=3 SV=1										2	.4	.4	6		1	8		2	5	
W5PS44	GPRC 5B	G_PROTEIN_RECEP_F3_ 4 domain-containing protein OS=Ovis aries OX=9940 GN=GPRC5B PE=4 SV=1	3	1	3	1	396	43.9	7.61	128		133	170	112			114	106	126		157	150
W5PI97	CCN3	Uncharacterized protein OS=Ovis aries OX=9940 GN=CCN3 PE=4 SV=1	11	3	4	3	346	37.6	7.58		190.		156			171.		231		189		133
W5PR69		Uncharacterized protein OS=Ovis aries OX=9940 PE=3 SV=1	15	2	4	2	205	22.2	10.1				389					430				366
G3ER51	KRT71	Keratin 71 OS=Ovis aries OX=9940 GN=KRT71 PE=2 SV=2	4	2	5	1	525	57.3	6.61									322				558
W5QH34	ADIP OQ	C1q domain-containing protein OS=Ovis aries OX=9940 GN=ADIPOQ PE=4 SV=1	5	1	3	1	283	30.6	5.92	114.	125.		114		129	99.6		112	163	173		142
W5PK26	LASP1	Uncharacterized protein OS=Ovis aries OX=9940 GN=LASP1 PE=4 SV=1	19	4	6	4	260	29.7	7.05				577					366				282
A2P2H6	VH	VH region (Fragment) OS=Ovis aries OX=9940 GN=VH PE=2 SV=1	15	1	2	1	144	15.6	8.46		335.					325.				400		
W5PI41	PTBP1	Uncharacterized protein OS=Ovis aries OX=9940 GN=PTBP1 PE=4 SV=1	10	4	4	4	610	65	9.01				705					345				243
W5PF71	KPNB 1	Importin N-terminal domain-containing protein OS=Ovis aries OX=9940 GN=KPNB1 PE=4 SV=1	3	2	2	2	866	96	4.87				581					302				362
W5NRT9		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	37	2	2	2	126	14.1	4.41				110					186				144
W5NXH0	LOC10 111723 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101117231 PE=4 SV=1	2	1	5	1	404	44.2	6.86		115.	56.	67.		119.	123		136		127	229	193
W5PVY5	PGAM 2	Phosphoglycerate mutase OS=Ovis aries OX=9940 GN=PGAM2 PE=3 SV=1	8	3	5	2	256	29	8.9	207.			423	192				137	289			117

W5PRP1	SLC9 A3R1	Na(+)/H(+) exchange regulatory cofactor NHE-RF OS=Ovis aries OX=9940 GN=SLC9A3R1 PE=4 SV=1	7	3	7	3	368	39.6	5.39											257 .7		
W5NWX6	APOC 3	Uncharacterized protein OS=Ovis aries OX=9940 GN=APOC3 PE=4 SV=1	31	3	4	3	110	12.2	6.06	93.1		107 .2	102 .7		157 .6	125	119		132	122 .3		
W5P5G5	CAPN S1	Uncharacterized protein OS=Ovis aries OX=9940 GN=CAPNS1 PE=4 SV=1	7	1	1	1	265	28	5.2				572 .5						395	324 .4		
W5NR02	HNRN PD	Heterogeneous nuclear ribonucleoprotein D OS=Ovis aries OX=9940 GN=HNRNPD PE=4 SV=1	11	2	3	2	278	31.5	9.44				428 .7						373	292 .2		
W5QF69	FSTL1	Uncharacterized protein OS=Ovis aries OX=9940 GN=FSTL1 PE=4 SV=1	11	4	6	4	311	35	5.39	146. 3			123 .2	156 .3					185	154	246 .6	
W5P3L7	HPN	Peptidase S1 domain-containing protein OS=Ovis aries OX=9940 GN=HPN PE=3 SV=1	2	1	4	1	418	44.7	7.09		119. 7	142 .2	155 .5		166. 9	177 .8			131	115	90. 3	118 .9
W5P6X5	STMN 1	Stathmin OS=Ovis aries OX=9940 GN=STMN1 PE=3 SV=1	40	6	8	6	149	17.3	5.97				604 .1						358		286 .3	
W5P359	STIP1	Uncharacterized protein OS=Ovis aries OX=9940 GN=STIP1 PE=4 SV=1	7	4	4	4	592	68.1	7.18				621 .7						304		311 .3	
W5PKV1	DNAS E2	Uncharacterized protein OS=Ovis aries OX=9940 GN=DNASE2 PE=4 SV=1	14	5	12	5	358	39.7	7.75	100. 7		140	99. 7	107 .5	144 .9	131	135			101 .1	144 .5	
W5Q349	KCTD 12	Potassium channel tetramerization domain containing 12 OS=Ovis aries OX=9940 GN=KCTD12 PE=4 SV=1	10	3	3	3	320	35.3	8.05				700 .7						262		274 .8	
A9YUY8	FABP 4	Adipocyte fatty acid-binding protein 4 OS=Ovis aries OX=9940 GN=FABP4 PE=2 SV=1	14	1	1	1	132	14.7	5.36	270				309 .1					340			
P51977	ALDH 1A1	Retinal dehydrogenase 1 OS=Ovis aries OX=9940 GN=ALDH1A1 PE=1	6	3	5	2	501	54.8	6.79	242. 7			231 .6	204 .8					208	203		169 .9

		SV=2																					
W5QE28	TMBI M1	Uncharacterized protein OS=Ovis aries OX=9940 GN=TMBIM1 PE=3 SV=1	5	1	1	1	308	33.9	8.4	514. 5				317 .3					302				
W5PJD0	PGM2	Uncharacterized protein OS=Ovis aries OX=9940 GN=PGM2 PE=3 SV=1	10	4	4	4	582	64.9	6.44				565 .9					381		285 .8			
W5PVX4	DBNL	Uncharacterized protein OS=Ovis aries OX=9940 GN=DBNL PE=4 SV=1	6	2	4	2	440	49.6	5				702 .5					280		289			
W5PUV3	NT5E	Uncharacterized protein OS=Ovis aries OX=9940 GN=NT5E PE=3 SV=1	7	3	4	3	574	63.2	7.36	453. 3				491 .7					341				
W5QBV7	CD44	Link domain-containing protein OS=Ovis aries OX=9940 GN=CD44 PE=4 SV=1	4	3	15	3	705	76.4	5.27	85	71.2	80. 7	154	66. 6	107. 6	91. 9	79. 9	95. 1	106	68. 8	69. 6		
W5PXX3	F13B	Uncharacterized protein OS=Ovis aries OX=9940 GN=F13B PE=4 SV=1	2	1	4	1	661	74.6	7.2	109. 4		131 .8	107 .6	124 .1		114 .8		146	194		154 .1	130	
W5PIG7	HNRN PF	Heterogeneous nuclear ribonucleoprotein F OS=Ovis aries OX=9940 GN=HNRNPF PE=4 SV=1	4	1	2	1	403	44.9	6.28					445 .4					355		410 .5		
W5PKY9	MRCL 3	Uncharacterized protein OS=Ovis aries OX=9940 GN=MRCL3 PE=4 SV=1	22	2	3	2	172	19.9	4.81					532 .1					338		333 .6		
W5PYS8		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	3	4	6	4	1677	188	6.99	95.8	98.2	106 .3	77. 3	101 .6	91.2	94. 8		101	102	106	99	103 .9	
W5P3R0		Thioredoxin domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	6	4	6	4	676	73	9.52			117. 9	121 .1		82		123. 1	120 .7	134		142	121 .8	153 .4
C8BKD6	SOD2	Superoxide dismutase OS=Ovis aries OX=9940 GN=SOD2 PE=2 SV=1	17	3	5	3	222	24.6	8.75					746 .8					303			230 .9	
W5QEX4	PLXN B2	Sema domain-containing protein OS=Ovis aries OX=9940 GN=PLXNB2 PE=4 SV=1	1	1	2	1	1727	189.9	7.06				238 .1	179 .9			192 .1		216			180 .4	175 .4
W5NYT2	PBXIP 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=PBXIP1 PE=4 SV=1	2	2	5	2	689	76.5	5.26				189 .2	239 .7			181 .8		185			211 .3	209 .3

		OX=9940 GN=LOC101116799 PE=3 SV=1																			
W5P500	PSMB 1	Proteasome subunit beta OS=Ovis aries OX=9940 GN=PSMB1 PE=3 SV=1	12	2	2	2	241	26.3	7.81				525							357	341
W5PGT5	MYH1 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=MYH11 PE=3 SV=1	2	2	2	1	1986	228.4	5.47				302							413	370
W5PSM3	OSTF1	Uncharacterized protein OS=Ovis aries OX=9940 GN=OSTF1 PE=4 SV=1	18	3	3	3	215	23.9	5.35				646							306	288
Q6J275		Galectin OS=Ovis aries OX=9940 PE=2 SV=1	46	5	7	2	136	14.8	5.1				468							346	335
W5PID7	HNRN PM	Uncharacterized protein OS=Ovis aries OX=9940 GN=HNRNPM PE=4 SV=1	3	2	3	2	744	79.1	9.29				955							249	178
W5QHL5	CAB3 9	Uncharacterized protein OS=Ovis aries OX=9940 GN=CAB39 PE=4 SV=1	8	3	4	3	341	39.8	6.89				814							316	262
W5QGL6	PAK2	Non-specific serine/threonine protein kinase OS=Ovis aries OX=9940 GN=PAK2 PE=4 SV=1	7	4	6	4	524	58	5.77				587							339	318
W5PTW4	PITPN A	Uncharacterized protein OS=Ovis aries OX=9940 GN=PITPNA PE=4 SV=1	19	5	11	4	263	30.9	6.55	117.	107.	92.	120	87.	104.	106	81.	93.	94.7	96.	108
W5P181	NUDC	CS domain-containing protein OS=Ovis aries OX=9940 GN=NUDC PE=4 SV=1	5	1	1	1	331	38.2	5.62				424							514	299
W5NTH3	ADGR G6	Uncharacterized protein OS=Ovis aries OX=9940 GN=ADGRG6 PE=3 SV=1	1	1	1	1	1250	139.4	8.05			315.			348.					514	
W5PNC2	NANS	AFP-like domain-containing protein OS=Ovis aries OX=9940 GN=NANS PE=4 SV=1	7	2	3	2	339	38	7.03				619							344	315
W5QI29	ECM1	Uncharacterized protein OS=Ovis aries OX=9940 GN=ECM1 PE=4 SV=1	8	4	6	4	543	60.4	7.3	143	117.	99		126	162.	160			124	129	156

W5PGN1	HNRN PK	Uncharacterized protein OS=Ovis aries OX=9940 GN=HNRNPK PE=4 SV=1	11	5	6	5	464	51	5.26				675					313			323	
													.5								.4	
W5P0W0	IST1	Uncharacterized protein OS=Ovis aries OX=9940 GN=IST1 PE=4 SV=1	5	1	1	1	377	41.3	5.27				220					421			514	
													.9								.7	
W5QG77	CD58	Uncharacterized protein OS=Ovis aries OX=9940 GN=CD58 PE=4 SV=1	9	2	4	2	248	27.7	5		206.	182			213.	216			185	209		
											5				2	.7						
W5Q922	LOC10 110538 3	Ubiquitin carboxyl-terminal hydrolase OS=Ovis aries OX=9940 GN=LOC101105383 PE=3 SV=1	12	2	2	2	230	26.2	4.98				434					469			351	
													.2								.9	
W5P3H8	IGF2R	Fibronectin type-II domain-containing protein OS=Ovis aries OX=9940 GN=IGF2R PE=4 SV=1	1	3	6	3	2463	271.5	5.8		158.	145	127		118.	122		140		112	132	129
											2	.5	.9		7	.4					.6	.2
W5P3H9	PICAL M	ENTH domain-containing protein OS=Ovis aries OX=9940 GN=PICALM PE=4 SV=1	4	2	2	2	626	68.2	7.62				545					323				397
													.1									.9
W5P7J7	TWF2	Uncharacterized protein OS=Ovis aries OX=9940 GN=TWF2 PE=4 SV=1	11	3	3	3	349	39.3	7.17				646					371				322
																						.6
W5PUR8	TMEM 189-U BE2V1	TMEM189-UBE2V1 readthrough OS=Ovis aries OX=9940 GN=TMEM189-UBE2V1 PE=4 SV=1	3	1	3	1	368	42.1	8.46			172	212			191		220			231	187
												.6	.5		.9						.3	.2
W5QCH4	LRRFI P1	Uncharacterized protein OS=Ovis aries OX=9940 GN=LRRFIP1 PE=4 SV=1	1	1	1	1	736	79.3	4.44				604					297				308
													.8									.7
W5PTS2	MAM DC2	Uncharacterized protein OS=Ovis aries OX=9940 GN=MAMDC2 PE=4 SV=1	3	1	1	1	637	72.2	5.67	347.					324			493				
										2					.7							
W5Q420		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	10	2	3	2	248	29.7	4.77			310				521					367	
												.6									.1	
W5PIF5	CHMP 2A	Uncharacterized protein OS=Ovis aries OX=9940	4	1	3	1	222	25.1	5.97			165	272			254		194			198	178
												.7	.8		.6						.3	.6

		GN=CHMP2A PE=4 SV=1																			
W5NXX1	IPO5	Importin N-terminal domain-containing protein OS=Ovis aries OX=9940 GN=IPO5 PE=4 SV=1	2	1	1	1	1161	130.5	5.15				563				337			328	
													.9							.5	
W5PW32	RAB4 4	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAB44 PE=4 SV=1	2	1	1	1	707	78.3	5.07				525				362			304	
													.9							.9	
W5NPL9		Uncharacterized protein OS=Ovis aries OX=9940 PE=3 SV=1	7	2	2	1	280	31	5.06				461				451			335	
													.8							.7	
A0A0A0Y Q60	GDF8	Growth differentiation factor 8 OS=Ovis aries OX=9940 GN=GDF8 PE=2 SV=1	3	1	3	1	375	42.8	7.52	219.		224		154		180		151		158	
										2		.3		.7		.9				.5	
W5NVW7	NAGL U	Uncharacterized protein OS=Ovis aries OX=9940 GN=NAGLU PE=4 SV=1	2	1	2	1	741	82.2	6.54		184.		203		197.		213		213	145	
											8		.6		9					.7	
W5Q927	CD59	CD59 glycoprotein OS=Ovis aries OX=9940 GN=CD59 PE=4 SV=1	16	1	6	1	122	13.7	7.47	85.2	97.6	79.	89.	103	83.2	71.	100	105	97.4	89	121
												7	8		7					.5	
W5QE19	PSMB 2	Proteasome subunit beta OS=Ovis aries OX=9940 GN=PSMB2 PE=3 SV=1	5	1	1	1	202	23	7.03				586				419			269	
																				.1	
W5Q6S3	WASH C4	Uncharacterized protein OS=Ovis aries OX=9940 GN=WASHC4 PE=4 SV=1	1	1	12	1	1173	136.3	7.36	24.5	55.3	31.	28.	302	208.	275	295	38.	55.8	38.	30.
												1	3	.4	2	.4		3		9	1
W5QIU5	GMFB	Glia maturation factor OS=Ovis aries OX=9940 GN=GMFB PE=3 SV=1	6	1	2	1	142	16.7	5.29				628				256			332	
													.7							.5	
W5QIA8	YARS	Tyrosine--tRNA ligase OS=Ovis aries OX=9940 GN=YARS PE=3 SV=1	4	2	5	2	565	63.2	8.54	132.		102	132	158		113	140	132		156	
										5		.9	.8	.3		.8				.8	119
C3V6M4	CAST	Calpastatin OS=Ovis aries OX=9940 GN=CAST PE=2 SV=1	3	2	2	2	786	84.6	5.55				651				331			294	
													.2							.9	
W5PN98		Small ubiquitin-related modifier OS=Ovis aries OX=9940 PE=3 SV=1	23	2	3	2	95	10.8	5.91				663				333			302	
													.4							.5	
W5P987	GRK7	G protein-coupled receptor kinase OS=Ovis aries OX=9940 GN=GRK7	2	1	13	1	552	62.2	6.21	74.1	91	75.	68.	104	69.8	134	108	131	135	88.	95.
												7	8	.5	.4					6	1

		PE=3 SV=1																			
W5PL84	EHD1	Uncharacterized protein OS=Ovis aries OX=9940 GN=EHD1 PE=3 SV=1	4	2	2	2	489	55.1	6.57				511					299			383
W5NW55	SRPX 2	Uncharacterized protein OS=Ovis aries OX=9940 GN=SRPX2 PE=4 SV=1	3	1	2	1	465	53.1	7.3	374.				385					477		
W5PI34	CS	Citrate synthase OS=Ovis aries OX=9940 GN=CS PE=3 SV=1	5	2	2	2	466	51.7	8.06				451					452			295
W5NQ3	PTPRF	Protein-tyrosine-phosphata se OS=Ovis aries OX=9940 GN=PTPRF PE=4 SV=1	1	1	2	1	1853	205.5	6.52			188.	204			200.	204			210	190
W5PUG6	TIMP1	Metalloproteinase inhibitor 1 OS=Ovis aries OX=9940 GN=TIMP1 PE=4 SV=1	3	1	3	1	255	28.6	8.81	336.				378					343		
W5P4H2	SLPI	Antileukoproteinase OS=Ovis aries OX=9940 GN=SLPI PE=4 SV=1	13	2	6	2	140	15	8.07	78.8			186	87				236	562		167
W5QFB2	OLFM L3	Olfactomedin-like domain-containing protein OS=Ovis aries OX=9940 GN=OLFML3 PE=4 SV=1	2	1	2	1	406	45.9	6.8	163.			348	130				144	120		118
W5Q039		Tubulin beta chain OS=Ovis aries OX=9940 PE=3 SV=1	9	3	3	3	446	49.9	4.83				410					373			407
W5PS88	GOT1	Aspartate aminotransferase OS=Ovis aries OX=9940 GN=GOT1 PE=4 SV=1	3	1	2	1	413	46.4	7.2				159	296			244	210			219
W5P8Y9	IL19	Uncharacterized protein OS=Ovis aries OX=9940 GN=IL19 PE=4 SV=1	7	1	2	1	182	20.5	8.56				453					427			338
W5PR43	UBE2 K	Ubiquitin conjugating enzyme E2 K OS=Ovis aries OX=9940 GN=UBE2K PE=3 SV=1	6	1	2	1	199	22.3	6.58				498					382			310
W5NXZ8	GPRI N1	G protein regulated inducer of neurite outgrowth 1 OS=Ovis aries OX=9940 GN=GPRIN1 PE=4 SV=1	1	1	6	1	920	94	5.77			93.5	106	86.		92	92.	137		144	199
W5P4C6	F12	Uncharacterized protein OS=Ovis aries OX=9940 GN=F12 PE=3 SV=1	3	2	2	2	608	67	7.39	188.		180		189	209.			236	198		

	6	GN=LOC114117806 PE=4 SV=1																		
W5P1A8	RET	Proto-oncogene tyrosine-protein kinase receptor Ret OS=Ovis aries OX=9940 GN=RET PE=3 SV=1	1	1	2	1	1123	124.9	6.76			164 .3	129 .1		146 .7	215			209 .1	221 .4
W5PGW9	TNFAI P6	Uncharacterized protein OS=Ovis aries OX=9940 GN=TNFAIP6 PE=4 SV=1	11	2	3	2	280	31.4	6.98				602 .1			341				280 .1
W5QHS2	MGP	Matrix Gla protein OS=Ovis aries OX=9940 GN=MGP PE=3 SV=1	23	2	2	2	103	12.2	9.14	112. 4		193 .2	112 .2			146	203			152 .5
W5PRE5	SWAP 70	PH domain-containing protein OS=Ovis aries OX=9940 GN=SWAP70 PE=4 SV=1	4	2	2	2	600	70.5	6.52				499 .2			464				338 .7
W5Q9C5	LNPE P	Uncharacterized protein OS=Ovis aries OX=9940 GN=LNPEP PE=4 SV=1	1	1	1	1	1026	116.9	5.96				284			482				396 .9
W5PRI2	RCS D1	CAP-ZIP_m domain-containing protein OS=Ovis aries OX=9940 GN=RCS D1 PE=4 SV=1	3	1	1	1	350	37.2	5.24				874 .8			233				227 .3
W5PNM6	NAPA	Uncharacterized protein OS=Ovis aries OX=9940 GN=NAPA PE=4 SV=1	14	3	3	3	295	33.2	5.36				396 .4			380				379 .7
W5Q136	HEBP 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=HEBP1 PE=4 SV=1	21	4	6	4	191	21.2	5.27				796 .4			264				251 .7
W5QCP7	PACSI N2	Uncharacterized protein OS=Ovis aries OX=9940 GN=PACSI N2 PE=4 SV=1	4	2	3	2	486	55.8	5.17				483 .8			370				359 .8
W5P4P3	PTPN6	Tyrosine-protein phosphatase non-receptor type OS=Ovis aries OX=9940 GN=PTPN6 PE=3 SV=1	3	1	1	1	595	67.5	7.91				578 .7			384				250 .3
W5PYM5	CCT8	Uncharacterized protein OS=Ovis aries OX=9940 GN=CCT8 PE=3 SV=1	9	4	4	4	548	59.6	5.59				514 .6			347				303 .2
W5NWR6	LXN	Uncharacterized protein OS=Ovis aries OX=9940	4	1	1	1	224	25.7	5.8				577 .5			329				311 .1

W5NZ80	FAM1 29A	Uncharacterized protein OS=Ovis aries OX=9940 GN=FAM129A PE=4 SV=1	3	2	2	2	933	103.3	4.72					612 .4					335				329 .2	
W5Q9H1	ZYX	Uncharacterized protein OS=Ovis aries OX=9940 GN=ZYX PE=4 SV=1	10	4	4	4	538	58	7.74					661 .1					337				302 .5	
W5NU21	FUCA 2	Alpha-L-fucosidase OS=Ovis aries OX=9940 GN=FUCA2 PE=3 SV=1	8	3	3	3	542	62.1	6.48	141. 7				238 .3	160 .1				206	187			148 .6	
W5Q3N1	CTSZ	Pept_C1 domain-containing protein OS=Ovis aries OX=9940 GN=CTSZ PE=3 SV=1	9	2	2	2	301	33.2	6.25					108 4.7					154				189 .1	
W5P5S1	RAB2 5	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAB25 PE=4 SV=1	8	2	5	1	213	23.6	6.35					370 .7					648				240 .1	
W5QD30	PSMA 5	Proteasome subunit alpha type OS=Ovis aries OX=9940 GN=PSMA5 PE=3 SV=1	9	2	2	2	241	26.4	4.79					648 .6					364				280 .4	
W5PIF5		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	25	1	6	1	77	7.4	4.83	200. 2	202. 1			222 .3	188. 8					195	196			
W5Q3K6	PROC	Protein C, inactivator of coagulation factors Va and VIIIa OS=Ovis aries OX=9940 GN=PROC PE=3 SV=1	4	2	3	2	511	56.9	8.32					428. 3				317. 2				437		
W5Q4T2	KRI1	Kri1_C domain-containing protein OS=Ovis aries OX=9940 GN=KRI1 PE=4 SV=1	1	1	6	1	764	88.5	5.38	105. 4	76.1	99. 3	100 .2	103 .4	70.3	60. 1	83. 1	93. 7		118		127 .3	89. 7	
W5P689	USP5	Ubiquitin carboxyl-terminal hydrolase OS=Ovis aries OX=9940 GN=USP5 PE=3 SV=1	3	2	2	2	858	95.7	5.07					456 .3					353				354 .4	
W5QDD0	LOC10 110809 2	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101108092 PE=3 SV=1	17	4	9	1	229	26.8	7.01					498 .9					505				258 .1	
W5P7L2	ATP6 V1G1	V-type proton ATPase subunit G OS=Ovis aries	13	1	1	1	118	13.7	8.44					555					408				283	

		OX=9940 GN=ATP6V1G1 PE=3 SV=1																			
P81184	LGAL S1	Galectin-1 OS=Ovis aries OX=9940 GN=LGALS1 PE=1 SV=2	34	4	5	1	135	14.7	5.5			510 .2					388			309 .3	
W5Q3Q7	CDC3 7	Uncharacterized protein OS=Ovis aries OX=9940 GN=CDC37 PE=4 SV=1	15	4	4	4	380	44.6	5.17			393 .8					401			391 .1	
A2P2H7	VH	VH region (Fragment) OS=Ovis aries OX=9940 GN=VH PE=2 SV=1	15	1	3	1	139	15	9.6	196. 9		127 .9	179 .8				163	264		197 .1	
W5P726	PRCP	Uncharacterized protein OS=Ovis aries OX=9940 GN=PRCP PE=4 SV=1	8	3	6	3	497	56.2	7.64		93	135 .7	106 .6		112. 8	128	139		146	144 .2	151 .9
W5PJ54	DPYS L2	Amidohydro-rel domain-containing protein OS=Ovis aries OX=9940 GN=DPYSL2 PE=4 SV=1	4	2	2	2	702	76	6.19			339 .1					470			363 .8	
W5QBM5	BPI	Uncharacterized protein OS=Ovis aries OX=9940 GN=BPI PE=4 SV=1	4	2	2	2	536	59.4	9.09			403 .4					441			364 .8	
C5IS96	LCAT	Lecithin-cholesterol acyltransferase OS=Ovis aries OX=9940 GN=LCAT PE=2 SV=1	5	2	6	2	440	49.9	6.52	94.6	92.8	87. 4	98. 3	106 .8	104. 2	108 .3	128	99	98.9	90. 9	89. 3
W5PSH0	POFU T2	Uncharacterized protein OS=Ovis aries OX=9940 GN=POFUT2 PE=4 SV=1	8	3	11	3	407	47.1	6.54	103. 4	137. 8	95. 1		139 .9	123. 9	171 .4		150	131	157	
W5PE27	ESD	S-formylglutathione hydrolase OS=Ovis aries OX=9940 GN=ESD PE=3 SV=1	11	2	2	2	292	32.7	7.4			341 .3					407			429 .4	
W5P824	TTLL3	Actin-related protein 2/3 complex subunit 4 OS=Ovis aries OX=9940 GN=TTLL3 PE=3 SV=1	17	3	4	3	168	19.6	8.43			802 .7					315			240 .4	
W5NQQ1	TTC17	Uncharacterized protein OS=Ovis aries OX=9940 GN=TTC17 PE=4 SV=1	1	1	3	1	1158	130.9	6.55		143. 2	132 .6		143			244		247	205 .9	
W5Q430	IDUA	Uncharacterized protein OS=Ovis aries OX=9940 GN=IDUA PE=4 SV=1	9	3	6	3	496	54.3	6.73		196. 1	161 .8		163. 1			236		208	176 .3	
W5PF33	GM2A	ML domain-containing protein OS=Ovis aries	13	3	10	3	193	21	5.14	154. 8		205 .7		145 .8		177 .6		190		180 .1	

		GN=MYDGF PE=4 SV=1																		
W5PPH6	RPS3	KH type-2 domain-containing protein OS=Ovis aries OX=9940 GN=RPS3 PE=3 SV=1	5	1	1	1	281	31	10.3			352				405				398
												.4								.5
W5Q1L2	HSPD1	Uncharacterized protein OS=Ovis aries OX=9940 GN=HSPD1 PE=3 SV=1	8	4	5	4	573	61	5.87			536				474				281
												.3								.8
W5P481	COL1A1	Uncharacterized protein OS=Ovis aries OX=9940 GN=COL1A1 PE=4 SV=1	2	2	2	2	1474	140.6	7.69			324			357				338	
												.4			.5				.1	
W5Q1F9	C1QTNF5	C1q and TNF related 5 OS=Ovis aries OX=9940 GN=C1QTNF5 PE=4 SV=1	8	1	2	1	196	20.8	5.91	186.		302		227.		181		187		117
										2		.9		3						.5
W5PK38	VASP	WH1 domain-containing protein OS=Ovis aries OX=9940 GN=VASP PE=4 SV=1	6	2	4	2	411	44.1	9.17			769				297				256
												.4								.7
P62896	CYCS	Cytochrome c OS=Ovis aries OX=9940 GN=CYCS PE=1 SV=2	10	1	2	1	105	11.7	9.5	189.		282		195		197		169		182
										8				.6						.7
P49920	SERPINA6	Corticosteroid-binding globulin OS=Ovis aries OX=9940 GN=SERPINA6 PE=2 SV=1	3	1	1	1	430	48	6.54		421			390.				425		
														7						
W5PEM1	PTGES3	Prostaglandin E synthase 3 OS=Ovis aries OX=9940 GN=PTGES3 PE=4 SV=1	8	1	1	1	153	17.8	4.54			462				368				383
												.6								.1
W5PMM2	ERP44	Thioredoxin domain-containing protein OS=Ovis aries OX=9940 GN=ERP44 PE=4 SV=1	10	4	7	4	406	46.8	5.31	125.		128	171	126		131		143		150
										2		.4	.1		.8	136				.9
																				.1
W5PHG0	LOC106990414	Histone H3 OS=Ovis aries OX=9940 GN=LOC106990414 PE=3 SV=1	16	3	8	3	148	16.8	11	90.8		159	315	105		132	80.	123		114
												.2	.2	.3		.5	3			.4
																				72
W5P7H5	ADGRE5	Uncharacterized protein OS=Ovis aries OX=9940 GN=ADGRE5 PE=3 SV=1	2	1	1	1	829	90.6	7.37			320				426				377
																				.5
W5Q008		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	10	1	3	1	136	15.6	6.38		255.		101		186.			187	176	344
										5		.5		9						.2
W5Q263	ICAM	Ig-like domain-containing	4	2	4	2	536	58.5	6.14	139.		279	170			163	200			147

	1	protein OS=Ovis aries OX=9940 GN=ICAM1 PE=4 SV=1								9			.8	.8						.4
W5QEG9	CCDC 91	Uncharacterized protein OS=Ovis aries OX=9940 GN=CCDC91 PE=4 SV=1	3	1	2	1	442	50.2	5.05	213. 1			125 .4	204 .2			229	200		190 .4
W5NUH1	CIDE A	CIDE-N domain-containing protein OS=Ovis aries OX=9940 GN=CIDEA PE=4 SV=1	6	1	1	1	219	24.3	9.14		522. 1				317. 1				313	
W5P5Q1		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	25	6	6	6	209	23.8	8.94				705 .2				260			267
W5Q115		Ig-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	10	1	1	1	128	13.9	9.29				136 .5				241			343 .6
W5PD58	ARRB 2	Arrestin_C domain-containing protein OS=Ovis aries OX=9940 GN=ARRB2 PE=4 SV=1	3	1	1	1	409	46.1	7.88				690				294			295
P53791	SLC5 A1	Sodium/glucose cotransporter 1 OS=Ovis aries OX=9940 GN=SLC5A1 PE=2 SV=1	2	1	1	1	664	73.1	7.44				888 .8				220			264 .7
W5PAH8	LSM5	U6 snRNA-associated Sm-like protein LSM5 OS=Ovis aries OX=9940 GN=LSM5 PE=3 SV=1	21	1	1	1	91	9.9	4.54				402 .1				476			323 .1
W5PK12	OAT	Uncharacterized protein OS=Ovis aries OX=9940 GN=OAT PE=3 SV=1	3	1	1	1	439	48	6.54				361 .9				459			420 .1
W5QHB1	EPHB 3	Uncharacterized protein OS=Ovis aries OX=9940 GN=EPHB3 PE=3 SV=1	1	1	3	1	956	106	6.28				269 .8				378			441 .5
E7ECV8	NUDT 9	ADP-ribose pyrophosphatase OS=Ovis aries OX=9940 GN=NUDT9 PE=2 SV=1	3	1	4	1	349	38.5	7.81	260. 4	208. 8		185 .2	217. 5			186	163		
W5P4C7	SEPT7	Septin-type G domain-containing protein OS=Ovis aries OX=9940 GN=SEPT7 PE=3 SV=1	6	3	3	3	418	48.7	8.63				706 .3				340			269 .4
W5QIY3	PSMA 3	Proteasome subunit alpha type OS=Ovis aries	3	1	1	1	255	28.4	5.33				583 .1				385			303 .2

		OX=9940 GN=PSMA3 PE=3 SV=1																				
W5PBEO	CD74	Thyroglobulin type-1 domain-containing protein OS=Ovis aries OX=9940 GN=CD74 PE=4 SV=1	10	3	5	3	294	33	7.69	118	126. 5	182 .3	164 .8	58. 2	84.7	67. 3	92. 2	80. 8	90	80. 1	57. 8	
W5NX95		Ig-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	4	1	2	1	182	19.5	8.06			964 .9				207 .9					222 .6	
W5P629	MMP8	ZnMc domain-containing protein OS=Ovis aries OX=9940 GN=MMP8 PE=3 SV=1	6	2	2	2	476	54.6	6.76				663 .3				328				285	
W5Q981	ACSL 4	AMP-binding domain-containing protein OS=Ovis aries OX=9940 GN=ACSL4 PE=4 SV=1	2	1	2	1	722	80.5	8.6			228 .4	232 .6			152 .9	160				174 .7	163 .6
W5QHZ8		Ig-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	6	1	4	1	130	14.3	8.31		207. 2	123 .8			159. 7	132 .7			204		390 .4	
W5Q8M1	PRRC 1	NTPase_I-T domain-containing protein OS=Ovis aries OX=9940 GN=PRRC1 PE=4 SV=1	3	1	2	1	445	46.4	5.99	202. 3		178 .1		183 .9		172 .6		239			216 .4	
W5PUJ4	SYNC RIP	Uncharacterized protein OS=Ovis aries OX=9940 GN=SYNCRIP PE=4 SV=1	2	1	3	1	638	71.1	8.48				321 .4				559				344 .4	
W5P9U4	PSMA 1	Proteasome subunit alpha type OS=Ovis aries OX=9940 GN=PSMA1 PE=3 SV=1	3	1	1	1	263	29.6	6.61				747 .2				315				246 .1	
W5Q0F1	LIPA	Lipase OS=Ovis aries OX=9940 GN=LIPA PE=3 SV=1	2	1	2	1	408	46.6	8.29				580 .9				369				305 .4	
W5P677	MCFD 2	Uncharacterized protein OS=Ovis aries OX=9940 GN=MCFD2 PE=4 SV=1	10	1	2	1	167	19	5.24		169		213 .1		143. 6		187		227		186 .3	
W5NRA2	S100A 2	Protein S100 OS=Ovis aries OX=9940 GN=S100A2 PE=3 SV=1	15	2	4	2	98	11	4.91	127. 9		166 .3		164 .7		137 .1		187			227 .5	
W5P6D3	SEMA 4A	Sema domain-containing protein OS=Ovis aries OX=9940 GN=SEMA4A	4	3	6	3	762	83.5	6.46	131. 6	134. 7	172 .7		106 .4	150	100 .4		131	120		126 .5	

		PE=3 SV=1																			
W5QGX7	EHD4	Uncharacterized protein OS=Ovis aries OX=9940 GN=EHD4 PE=3 SV=1	4	2	2	2	540	61.1	7.85	203. 3			284 .7	190 .8			172	225		181	
W5PHP4		T-complex protein 1 subunit delta OS=Ovis aries OX=9940 PE=3 SV=1	4	1	1	1	523	56.5	6.8				398 .2				454			328 .1	
W5NV10	PITPN B	Uncharacterized protein OS=Ovis aries OX=9940 GN=PITPNB PE=4 SV=1	11	3	7	2	272	31.6	7.14	195. 1			202 .3	197 .1			192	237		174 .7	
W5Q0B5	PPP2R 1A	Uncharacterized protein OS=Ovis aries OX=9940 GN=PPP2R1A PE=4 SV=1	2	1	1	1	559	62	5.06				240 .5				546			402	
Q30DU1	EGFR	Epidermal growth factor receptor (Fragment) OS=Ovis aries OX=9940 GN=EGFR PE=2 SV=1	19	1	3	1	83	9.3	4.88	133. 9	111. 1		77. 9	131 .4	123. 9		145	156	146	159 .2	
B6EBS6	PSMA 6	Proteasome subunit alpha type OS=Ovis aries OX=9940 GN=PSMA6 PE=2 SV=1	12	2	2	2	246	27.4	6.76				278 .1				427			433 .4	
W5PTW6	RALB	Uncharacterized protein OS=Ovis aries OX=9940 GN=RALB PE=4 SV=1	14	3	6	2	228	25.8	6.61	126. 5		117	150	106 .6		116 .1	118	149		155 .9	132 .8
W5P3X9	PPP1R 3D	Protein phosphatase 1 regulatory subunit OS=Ovis aries OX=9940 GN=PPP1R3D PE=4 SV=1	4	1	1	1	299	32.3	8.25				421 .5				505			284 .3	
W5Q400	HNRN PA1	Uncharacterized protein OS=Ovis aries OX=9940 GN=HNRNPA1 PE=4 SV=1	11	4	7	3	374	38.9	9.13			172 .4	363 .9			184 .6	144			211 .2	140
W5PRY8	MOB1 A	Uncharacterized protein OS=Ovis aries OX=9940 GN=MOB1A PE=4 SV=1	5	1	2	1	230	26.5	8.25				534 .6				329			372 .3	
W5P1A1	GASK 1A	Golgi associated kinase 1A OS=Ovis aries OX=9940 GN=GASK1A PE=4 SV=1	5	2	4	2	598	65.9	8.85		194. 1	186 .4			170. 5	218 .6			195	191	
W5QI77	AK2	Adenylate kinase 2, mitochondrial OS=Ovis aries OX=9940 GN=AK2	7	2	2	2	227	25	7.88				689 .6				356			300 .9	

		PE=3 SV=1																				
C7EDS5		Connective tissue growth factor OS=Ovis aries OX=9940 PE=2 SV=1	3	1	1	1	349	37.9	7.93				288							557		365
W5Q1S8	CEMI P	G8 domain-containing protein OS=Ovis aries OX=9940 GN=CEMIP PE=4 SV=1	1	1	7	1	1361	152.7	7.71	87.4	97	109	103	67.	74.5	93.	87.	82.	96.8	77.	74.	
W5Q6Z8	STAG 3	SCD domain-containing protein OS=Ovis aries OX=9940 GN=STAG3 PE=4 SV=1	1	1	2	1	1275	143.6	6.13	207.	182.			226	108					220	233	
W5P5Z7	CEL	Carboxylic ester hydrolase OS=Ovis aries OX=9940 GN=CEL PE=3 SV=1	2	1	1	1	599	65.5	5.4				267							427		424
W5NZQ2	LAP3	CYTOSOL_AP domain-containing protein OS=Ovis aries OX=9940 GN=LAP3 PE=3 SV=1	2	1	1	1	522	56.5	6.48				378							271		595
W5PJX0	CCT6 A	Uncharacterized protein OS=Ovis aries OX=9940 GN=CCT6A PE=3 SV=1	2	1	1	1	531	57.9	6.76				637							399		284
B2LT65	TLR2	Toll-like receptor 2 OS=Ovis aries OX=9940 GN=TLR2 PE=2 SV=1	4	2	2	2	784	90.1	7.25				532							364		309
W5QGJ0	CHP1	Uncharacterized protein OS=Ovis aries OX=9940 GN=CHP1 PE=4 SV=1	9	2	4	2	211	24.3	5.92	114.	96.2	86.	75.	102	90.4	90.	105	102	97.1	101	110	
A0A1V0CL Z9	LALB A	Alpha-lactalbumin (Fragment) OS=Ovis aries OX=9940 GN=LALBA PE=4 SV=1	20	1	7	1	44	4.9	5.83				206							457		475
W5PTJ0	CRLF 3	Fibronectin type-III domain-containing protein OS=Ovis aries OX=9940 GN=CRLF3 PE=4 SV=1	2	1	1	1	406	45.4	5.11				603							342		311
W5Q3Z9	UGGT 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=UGGT1 PE=4 SV=1	3	2	2	2	1333	152.5	5.64				344							433		379
W5P7G7		Proteasome subunit beta OS=Ovis aries OX=9940 PE=3 SV=1	4	1	2	1	239	25.4	4.75				261							498		382
W5PGU2		SCP domain-containing protein OS=Ovis aries	8	1	1	1	154	17.2	9.26				510							358		349

		OX=9940 PE=4 SV=1																		
W5PYG8	GLTP	Glycolipid transfer protein OS=Ovis aries OX=9940 GN=GLTP PE=4 SV=1	8	2	2	2	212	24.1	6.77			493				354				340
W5PKI2	RGM A	Uncharacterized protein OS=Ovis aries OX=9940 GN=RGMA PE=4 SV=1	5	1	1	1	393	42.1	6.96		312.			307.				405		
W5P8K5	HNRN PAB	Uncharacterized protein OS=Ovis aries OX=9940 GN=HNRNPAB PE=4 SV=1	6	2	2	2	332	36	6.95			783				302				255
Q9XSC0	LGB	Beta-lactoglobulin C (Fragment) OS=Ovis aries OX=9940 GN=LGB PE=4 SV=1	78	1	2	1	27	3	7.34	186	193.		180	168.			279	208		
W5P8R3	HDGF	Uncharacterized protein OS=Ovis aries OX=9940 GN=HDGF PE=4 SV=1	8	1	2	1	212	23.3	4.54			452				371				227
W5NYF4	PGLY RP2	Uncharacterized protein OS=Ovis aries OX=9940 GN=PGLYRP2 PE=4 SV=1	5	2	2	2	591	63.6	6.77		135.	205		205.	153			233	225	
W5PTE0	AP1S2	AP complex subunit sigma OS=Ovis aries OX=9940 GN=AP1S2 PE=3 SV=1	16	1	7	1	157	18.6	5.47	55.9	44.2	121	52.	70.	54.9	93	102	229	59.5	75.
W5QEC3	METT L3	Uncharacterized protein OS=Ovis aries OX=9940 GN=METTL3 PE=3 SV=1	1	1	2	1	579	64.4	6.46		173.	242		231.	142			192	135	
W5Q9H4	LOC10 110264 3	Olfactory receptor OS=Ovis aries OX=9940 GN=LOC101102643 PE=3 SV=1	2	1	6	1	317	35.8	7.59	310.	145.		174	155.			178	227		
W5Q3M7	SEPT6	Septin-type G domain-containing protein OS=Ovis aries OX=9940 GN=SEPT6 PE=3 SV=1	6	2	2	2	444	50.7	6.32			412				449				346
G3FIP6		Glutathione peroxidase-1 (Fragment) OS=Ovis aries OX=9940 PE=2 SV=1	23	1	1	1	73	8.4	7.24			709				261				305
W5QF71	PLEK	Uncharacterized protein OS=Ovis aries OX=9940 GN=PLEK PE=4 SV=1	2	1	1	1	350	40	8.43			756				250				292
B2ZA84		Thioltransferase OS=Ovis aries OX=9940 PE=2	11	1	1	1	106	11.8	7.78			752				281				261

		SV=1																			
W5PLA5	PPIL6	PPlase cyclophilin-type domain-containing protein OS=Ovis aries OX=9940 GN=PPIL6 PE=4 SV=1	3	1	5	1	311	35	6.79	118. 2		125 .3	55. 6	165 .4		177 .5	177	149		125 .8	122 .3
B3VSB9	ITM2B	ITM2B OS=Ovis aries OX=9940 GN=ITM2B PE=2 SV=1	3	1	1	1	266	30.3	5.3	429. 7			317 .7				379				
W5NSF6	RARR ES2	Uncharacterized protein OS=Ovis aries OX=9940 GN=RARRS2 PE=4 SV=1	7	1	1	1	162	18.3	9.04		341. 1			392					436		
W5PI22	CNPY 2	Saposin B-type domain-containing protein OS=Ovis aries OX=9940 GN=CNPY2 PE=4 SV=1	9	1	1	1	182	20.6	4.92				324 .7				381				305
W5NTW0	CAD M1	Uncharacterized protein OS=Ovis aries OX=9940 GN=CADM1 PE=4 SV=1	5	2	2	2	431	47.6	4.81			170 .7	115 .3			254 .8	233			173 .9	178 .7
W5QH96	LIPH	Lipase domain-containing protein OS=Ovis aries OX=9940 GN=LIPH PE=3 SV=1	6	2	2	2	457	51.4	7.59	175. 1		124 .7		210 .6		207 .9		259		192 .7	
W5NU84	EXT2	Uncharacterized protein OS=Ovis aries OX=9940 GN=EXT2 PE=3 SV=1	4	2	2	2	737	83.8	6.51	322. 4				579 .3				363			
W5PBX1	NDST 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=NDST1 PE=4 SV=1	1	1	3	1	883	101	7.97	235. 9	218. 1			194	182				184	194	
W5QH57	COL4 A3	Collagen IV NC1 domain-containing protein OS=Ovis aries OX=9940 GN=COL4A3 PE=4 SV=1	1	1	5	1	1670	160.8	8.79	207. 1			168	210			222	219			205 .2
W5PHV5	DKK3	Dickkopf_N domain-containing protein OS=Ovis aries OX=9940 GN=DKK3 PE=4 SV=1	7	1	1	1	349	38.3	4.56				316 .8				367				327 .1
W5Q5H2	OAF	Out at first homolog OS=Ovis aries OX=9940 GN=OAF PE=4 SV=1	5	1	2	1	200	22.6	7.93	335. 8				438 .2				482			
W5PUT2	FUBP 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=FUBP1 PE=4 SV=1	1	1	1	1	668	70.1	7.15				770 .6				285				305 .5
W5PKW0	PA2G	Peptidase_M24	6	2	2	2	394	43.8	6.55				520				385				310

	4	domain-containing protein OS=Ovis aries OX=9940 GN=PA2G4 PE=4 SV=1											.6						.4	
W5NSK0		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	14	1	1	1	64	7.1	10.1				534			337			371	
C5IJ97		RAB21 OS=Ovis aries OX=9940 PE=2 SV=1	5	1	1	1	222	24.2	7.94			393.			503.			298		
W5PP25	ADGR F5	Uncharacterized protein OS=Ovis aries OX=9940 GN=ADGRF5 PE=3 SV=1	1	2	3	2	1338	148.9	6.51	251.	215.			147	229.			221	183	
W5QCX4	RPE	Ribulose-phosphate 3-epimerase OS=Ovis aries OX=9940 GN=RPE PE=3 SV=1	4	1	2	1	228	24.9	5.58					663			303		289	
W5P456	LOC10 110318 2	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101103182 PE=4 SV=1	9	1	1	1	101	10.8	9.5					530			283		345	
W5Q6T1	ARSB	Sulfatase domain-containing protein OS=Ovis aries OX=9940 GN=ARSB PE=4 SV=1	7	3	6	3	429	48.6	6.76	99.8			100	110	147	135	113	153	150	149
W5PED6	PTPRJ	Uncharacterized protein OS=Ovis aries OX=9940 GN=PTPRJ PE=4 SV=1	2	1	2	1	1211	132.9	5.49	483.				462			369			
B5AN56		Insulin-like growth factor-binding protein-6 OS=Ovis aries OX=9940 PE=2 SV=1	3	1	2	1	236	24.9	8.41			158		192	249.		196	207	161	
W5PNA1	SERF2	4F5 domain-containing protein OS=Ovis aries OX=9940 GN=SERF2 PE=4 SV=1	5	1	1	1	185	19.9	11.7					742			282		240	
W5PXX7	CCT5	Uncharacterized protein OS=Ovis aries OX=9940 GN=CCT5 PE=3 SV=1	3	2	2	2	541	59.6	5.91					515			360		350	
W5PQC5	RPLP0	60S acidic ribosomal protein P0 OS=Ovis aries OX=9940 GN=RPLP0 PE=3 SV=1	2	1	1	1	313	34	9.13					380			492		321	
W5NSM4	EIF4E BP1	Uncharacterized protein OS=Ovis aries OX=9940 GN=EIF4EBP1 PE=4	16	1	2	1	120	12.7	5.01			160	189		188	191		185	172	

		SV=1																			
W5QD41	PSME 2	Uncharacterized protein OS=Ovis aries OX=9940 GN=PSME2 PE=4 SV=1	8	2	2	2	239	27.3	5.43			472					373			328	
A2P2I0	VH	VH region (Fragment) OS=Ovis aries OX=9940 GN=VH PE=2 SV=1	8	1	4	1	142	15.4	8.46	118.		150	276	120		128	74.	145		111	102
W5QCL1	NCF4	Uncharacterized protein OS=Ovis aries OX=9940 GN=NCF4 PE=4 SV=1	2	1	1	1	341	39.7	6.96			732					339			274	
W5P1Q8	EPN3	ENTH domain-containing protein OS=Ovis aries OX=9940 GN=EPN3 PE=4 SV=1	1	1	2	1	640	68.9	5.72		147.				151				126		
W5PK13	CBX3	Uncharacterized protein OS=Ovis aries OX=9940 GN=CBX3 PE=4 SV=1	15	2	2	2	185	21	5.44			685					285			299	
W5PQW3	MIEN 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=MIEN1 PE=4 SV=1	6	1	1	1	115	12.3	4.51	429.				457					410		
W5PDP6	C1QB	C1q domain-containing protein OS=Ovis aries OX=9940 GN=C1QB PE=4 SV=1	3	1	3	1	249	26.4	9.41	139.	118.	150		89.	104.	81.		104	175	140	
W5PRZ7		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	6	1	1	1	252	26.3	4.53			145				401			749		
W5Q7M7	HNRN PA3	Uncharacterized protein OS=Ovis aries OX=9940 GN=HNRNPA3 PE=4 SV=1	4	2	4	1	380	39.7	9.01			644					302			221	
W5PH54	CEAC AM20	Uncharacterized protein OS=Ovis aries OX=9940 GN=CEACAM20 PE=4 SV=1	1	1	3	1	598	65.9	5.86		253.				888.				217		
W5PVD4	AK3	GTP:AMP phosphotransferase AK3, mitochondrial OS=Ovis aries OX=9940 GN=AK3 PE=3 SV=1	5	1	1	1	227	25.7	9.04			343					527			394	
W5QG94	KNL1	Kn11_RWD_C domain-containing protein OS=Ovis aries OX=9940 GN=KNL1 PE=4 SV=1	0	1	1	1	2344	263.3	5.78		204.				198.				177		

W5Q6J7	TBCA	Tubulin-specific chaperone A OS=Ovis aries OX=9940 GN=TBCA PE=3 SV=1	8	1	1	1	93	11.1	4.88				731					372		267
													.1							.5
W5PMF1	TPMT	Uncharacterized protein OS=Ovis aries OX=9940 GN=TPMT PE=3 SV=1	4	1	1	1	282	32.3	7.2				523					402		309
													.6							.8
W5PGD0	FAT2	Uncharacterized protein OS=Ovis aries OX=9940 GN=FAT2 PE=4 SV=1	0	2	2	2	4336	477.7	5.22	204		236		196		246		184		164
												.9	.1		.9					
W5PS11	PSAT1	Phosphoserine aminotransferase OS=Ovis aries OX=9940 GN=PSAT1 PE=3 SV=1	5	2	3	2	396	43.2	8.18				395					531		390
													.2							.9
W5PIM5	LAMA 4	Uncharacterized protein OS=Ovis aries OX=9940 GN=LAMA4 PE=4 SV=1	1	1	1	1	1824	202.3	6.32	432.			382					424		
										8			.3							
W5Q0L1	EEF1G	Uncharacterized protein OS=Ovis aries OX=9940 GN=EEF1G PE=4 SV=1	1	1	1	1	558	63.4	8.43				928					195		305
													.2							.4
G3M9U4	ACP5	Tartrate-resistant acid phosphatase type 5 OS=Ovis aries OX=9940 GN=ACP5 PE=2 SV=1	3	1	1	1	343	38.2	9.33				499					386		355
																				.4
W5P3N0	DNMT 3B	Uncharacterized protein OS=Ovis aries OX=9940 GN=DNMT3B PE=4 SV=1	6	2	2	2	292	32.5	5.12				715					299		308
													.6							.9
W5P1H7	ERLE C1	Endoplasmic reticulum lectin 1 OS=Ovis aries OX=9940 GN=ERLEC1 PE=4 SV=1	2	1	2	1	556	62.7	7.61			374.		406.					364	
												5		6						
A2P2H2	VH	VH region (Fragment) OS=Ovis aries OX=9940 GN=VH PE=2 SV=1	15	1	1	1	144	15.4	8.92			243.				318			358	
												2								
W5PVU5	PSMB 7	Proteasome subunit beta OS=Ovis aries OX=9940 GN=PSMB7 PE=3 SV=1	4	1	1	1	277	29.9	7.3				590					352		280
													.1							.2
H9CJU2	Fst	Follistatin OS=Ovis aries OX=9940 GN=Fst PE=2 SV=1	5	1	1	1	344	37.9	6.07				309					393		428
													.4							.2
W5PU42	LOC10 110490 7	Olfactory receptor OS=Ovis aries OX=9940 GN=LOC101104907 PE=3 SV=1	2	1	1	1	314	34.9	6.77				339					453		446

B0FJL9	M6PR BP1	Mannose-6-phosphate receptor binding protein 1 (Fragment) OS=Ovis aries OX=9940 GN=M6PRBP1 PE=2 SV=1	21	2	3	1	143	16.3	8.81	218. 3			335 .8	164 .6			179	261		159 .6	
W5NW65	TSPA N6	Tetraspanin OS=Ovis aries OX=9940 GN=TSPAN6 PE=3 SV=1	3	1	6	1	245	27.5	7.74			371				292 .7				515 .6	
A0A059VF L7	PrP	Major prion protein OS=Ovis aries OX=9940 GN=PrP PE=3 SV=1	3	1	4	1	264	28.6	9.44	357. 1				447 .6				383			
W5Q0G4	ANGP T1	Fibrinogen C-terminal domain-containing protein OS=Ovis aries OX=9940 GN=ANGPT1 PE=4 SV=1	2	1	1	1	485	56.1	6.8	490. 6				350				373			
W5NPI6	PABP C3	Polyadenylate-binding protein OS=Ovis aries OX=9940 GN=PABPC3 PE=3 SV=1	3	1	1	1	572	63.5	9.63				518 .5				410			297 .9	
A2P2H3	VH	VH region (Fragment) OS=Ovis aries OX=9940 GN=VH PE=2 SV=1	16	1	1	1	140	15	7.99	345. 4				400 .1				473			
W5PWQ1	POLR 2A	DNA-directed RNA polymerase subunit OS=Ovis aries OX=9940 GN=POLR2A PE=3 SV=1	1	1	3	1	1890	208.6	7.43			399. 7			484. 6				371		
W5PFI0	LYPD 3	UPAR/Ly6 domain-containing protein OS=Ovis aries OX=9940 GN=LYPD3 PE=4 SV=1	5	2	4	2	358	37.8	7.99	198. 5			125 .2	151			159	152		205 .5	
W5P075	CMPK 1	UMP-CMP kinase OS=Ovis aries OX=9940 GN=CMPK1 PE=3 SV=1	3	1	1	1	233	26.4	8.6				405 .8				465			373 .8	
F6N686		Vasopressin V1b receptor OS=Ovis aries OX=9940 PE=2 SV=1	2	1	2	1	422	46.4	9.6	229. 3	229		136 .2	183. 4				186	240		
W8R447	LYPL A1	Lysophospholipase I OS=Ovis aries OX=9940 GN=LYPLA1 PE=2 SV=1	8	2	2	2	230	24.6	6.77			131 .2	234 .6			284 .5	217			200 .7	161 .9
W5NWZ7	TAOK 3	Protein kinase domain-containing protein OS=Ovis aries OX=9940 GN=TAOK3 PE=4 SV=1	1	1	1	1	898	105.3	7.14	318. 3				224 .5				358			
W5QG43	MYLK	Myosin light chain kinase,	0	1	2	1	1930	211.3	5.86				591				334				360

		smooth muscle OS=Ovis aries OX=9940 GN=MYLK PE=4 SV=1																			.9	
W5P737	BPIFB3	Uncharacterized protein OS=Ovis aries OX=9940 GN=BPIFB3 PE=4 SV=1	2	1	18	1	476	49.9	6.8	114.9	106.6	150.2	148	94	90.9	74.8	94.9	86.3	70.4	80.6	67.5	
W5Q5L3	DNAH14	Uncharacterized protein OS=Ovis aries OX=9940 GN=DNAH14 PE=4 SV=1	0	1	7	1	4513	519.9	6.47	208.8	180.6		218.6	178.8				233	202			
W5PA61		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	5	1	1	1	154	18.1	6.62				581.1					374			267.2	
W5P2R7	SYDE1	Rho-GAP domain-containing protein OS=Ovis aries OX=9940 GN=SYDE1 PE=4 SV=1	4	1	186	1	669	72.6	7.15	104.8	86.4	101.2	45.7	118	94.7	89.6	109	109	102	105.7	117.9	
D4N532	PAI-1	Plasminogen activator inhibitor type 1 OS=Ovis aries OX=9940 GN=PAI-1 PE=2 SV=1	2	1	3	1	402	45.2	6.25	94.8	138.1		120.3	124.6	133.9		202	213	140		98.1	
W5Q1F1	HPCAL1	Hippocalcin-like protein 1 OS=Ovis aries OX=9940 GN=HPCAL1 PE=4 SV=1	4	1	1	1	195	22.2	5.71				842.7				268				235.8	
W5P368	ME2	Malic enzyme OS=Ovis aries OX=9940 GN=ME2 PE=3 SV=1	2	1	1	1	584	65.4	7.65				544.4				330				337.3	
W5QH50	HRG	Uncharacterized protein OS=Ovis aries OX=9940 GN=HRG PE=4 SV=1	3	2	2	2	520	58.7	7.93		389.8				406.3				344			
W5PMP0	PDS5B	Uncharacterized protein OS=Ovis aries OX=9940 GN=PDS5B PE=4 SV=1	0	1	4	1	1449	164.6	8.43			259.1				427.5					454.6	
W5QB95	EEF1B2	Uncharacterized protein OS=Ovis aries OX=9940 GN=EEF1B2 PE=3 SV=1	9	2	2	1	225	24.8	4.67				409						371			403.5
W5PKR1		RRM domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	5	1	1	1	200	21.7	5.58				577.5					332			263.9	
W5PFR5		UBIQUITIN_CONJUGAT_2 domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	7	1	1	1	151	17.1	7.77				350.9					417			415.1	
W5PL89	GSR	Uncharacterized protein OS=Ovis aries OX=9940	5	1	1	1	420	46.2	7.5				547.9					274			384.6	

		GN=GSR PE=4 SV=1																		
W5PZ47	CTSH	Uncharacterized protein OS=Ovis aries OX=9940 GN=CTSH PE=3 SV=1	2	1	1	1	335	37.4	7.84				441.8				171			499.2
W5PMJ5	RBMX L1	RBM domain-containing protein OS=Ovis aries OX=9940 GN=RBMXL1 PE=4 SV=1	4	1	1	1	392	42.4	10				618.3				356			276.7
W5Q8I7	TOR1 AIP2	Uncharacterized protein OS=Ovis aries OX=9940 GN=TOR1AIP2 PE=4 SV=1	1	1	1	1	470	51.8	5.17				386				417			435.2
W5Q8Q0	TMEM 263	Uncharacterized protein OS=Ovis aries OX=9940 GN=TMEM263 PE=4 SV=1	9	1	2	1	115	11.6	9.32	213.8	212.7		177.2	180.9			249	197		
W5NX31	AHSA 1	Aha1_N domain-containing protein OS=Ovis aries OX=9940 GN=AHSA1 PE=4 SV=1	3	1	1	1	338	38.2	5.53				650.5				320			246.5
W5P0J9	HEAT R1	BP28CT domain-containing protein OS=Ovis aries OX=9940 GN=HEATR1 PE=4 SV=1	0	1	1	1	2144	242.6	6.8				229.6				472			382.4
W5P5I0	GALN T3	Polypeptide N-acetylgalactosaminyltran sferase OS=Ovis aries OX=9940 GN=GALNT3 PE=3 SV=1	2	1	1	1	633	72.7	8.07	483.8			427				381			
W5PA90	AGA	Uncharacterized protein OS=Ovis aries OX=9940 GN=AGA PE=4 SV=1	3	1	2	1	346	37	7.33			380.7				362.3				407.2
W5Q1M0	GLB1	Beta-galactosidase OS=Ovis aries OX=9940 GN=GLB1 PE=3 SV=1	3	2	4	2	649	72.8	6.77	120.7	122.2	116.1	114.8	124.4	152		144	131.8	137.1	
Q29543	BRN	Brain ribonuclease OS=Ovis aries OX=9940 GN=BRN PE=3 SV=1	10	2	11	2	143	15.9	9.44	211.9	164.7	32.4	237.9	231.5	200	57.3	64.8			232.6
W5NY43	SSB	Uncharacterized protein OS=Ovis aries OX=9940 GN=SSB PE=4 SV=1	7	2	2	2	405	46.6	8.46				344.7				396			393.1
W5PWC5	EGFR	Receptor protein-tyrosine kinase OS=Ovis aries OX=9940 GN=EGFR	1	1	3	1	1155	127.8	7.02	187.2		198.1	141		160.5		178		206.2	

		PE=3 SV=1																			
W5P0M9	ABO	Uncharacterized protein OS=Ovis aries OX=9940 GN=ABO PE=4 SV=1	6	1	4	1	359	41.6	7.91		121. 9	259 .8	223 .3		186	75. 2	122		102	131	93
W5PUX9	VLDL R	Uncharacterized protein OS=Ovis aries OX=9940 GN=VLDLR PE=4 SV=1	3	2	2	2	858	94.6	4.81				302 .8				378				445 .2
W5QA07	LOC10 111938 4	C1q domain-containing protein OS=Ovis aries OX=9940 GN=LOC101119384 PE=4 SV=1	4	1	1	1	212	22.7	6.54				409 .6				455				387 .6
W5NUR4	ADA M9	Uncharacterized protein OS=Ovis aries OX=9940 GN=ADAM9 PE=4 SV=1	2	1	4	1	821	90.7	7.52	123. 1	131. 4		82. 8	121 .6	116. 6			170	160	130	127 .9
C7BDX2	RSU1	Ras suppressor protein 1 OS=Ovis aries OX=9940 GN=RSU1 PE=2 SV=1	6	2	2	2	277	31.5	8.65				486 .5				408				382 .1
W5QHX6	ANP3 2E	Uncharacterized protein OS=Ovis aries OX=9940 GN=ANP32E PE=4 SV=1	6	1	2	1	267	30.7	3.87				216 .1				426				342 .7
W5P0H1	CD320	Uncharacterized protein OS=Ovis aries OX=9940 GN=CD320 PE=4 SV=1	5	1	2	1	255	27	4.77			214 .3	161 .3			210 .1	235			209 .2	229 .7
W5PYS9	RARS	Uncharacterized protein OS=Ovis aries OX=9940 GN=RARS PE=3 SV=1	2	1	1	1	660	75.3	7.39				373 .4				457				381 .8
W5P1Y8	LOC10 112281 9	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101122819 PE=3 SV=1	6	1	3	1	166	19	9.63				578 .4				324				356 .9
W5PTV7	ACE	Angiotensin-converting enzyme OS=Ovis aries OX=9940 GN=ACE PE=3 SV=1	1	1	2	1	1206	138.1	6.76				325 .5				365				475 .7
B3VSC0		ITM2C OS=Ovis aries OX=9940 PE=2 SV=1	3	1	1	1	271	30.6	8	317. 9				349 .3			427				
A2P2H9	VH	VH region (Fragment) OS=Ovis aries OX=9940 GN=VH PE=2 SV=1	15	1	5	1	140	15	8.48		145. 6		179 .3		137. 5		251		300		159 .6
W5P296	CNPY 3	DUF3456 domain-containing protein OS=Ovis aries OX=9940 GN=CNPY3 PE=4 SV=1	4	1	1	1	282	31.3	6.27				241 .2				431				472 .9

W5Q1H4		Ferritin OS=Ovis aries OX=9940 PE=3 SV=1	3	1	1	1	235	26.6	6.28				600				344			254	
W5Q0C0	PLOD 3	Fe2OG dioxygenase domain-containing protein OS=Ovis aries OX=9940 GN=PLOD3 PE=4 SV=1	1	1	1	1	755	86.3	6.51	381.				277						360	
W5PKZ2	XYLT 1	Xylosyltransferase 1 OS=Ovis aries OX=9940 GN=XYLT1 PE=4 SV=1	3	2	3	2	831	94.8	9.2	371.				379						439	
W5PP04	GNG1 2	Guanine nucleotide-binding protein subunit gamma OS=Ovis aries OX=9940 GN=GNG12 PE=3 SV=1	22	1	1	1	72	8.1	8.97				256							618	489
W5NZA9	MAO B	Amine oxidase OS=Ovis aries OX=9940 GN=MAOB PE=3 SV=1	4	1	2	1	451	50.9	7.33	172	143.			208	134.					270	274
W5PJR7		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	8	1	1	1	87	9.4	10.3				114							175	167
W5NVW4		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	6	1	2	1	110	11.8	11.3				292							340	465
B0FYY3		Integrin beta OS=Ovis aries OX=9940 PE=2 SV=1	1	1	1	1	787	85.8	5.1				560							381	323
W5PG64	BSG	Uncharacterized protein OS=Ovis aries OX=9940 GN=BSG PE=4 SV=1	3	1	1	1	269	29.6	5.92		467.				389.						349
W5PQY3	METT L27	Methyltransf_25 domain-containing protein OS=Ovis aries OX=9940 GN=METT27 PE=4 SV=1	6	1	2	1	253	26.8	5.81			261								287	432
W5Q5B5	CSAD	Uncharacterized protein OS=Ovis aries OX=9940 GN=CSAD PE=3 SV=1	2	1	1	1	507	56.7	6.6				492							390	282
W5PB94	RAD2 3B	Uncharacterized protein OS=Ovis aries OX=9940 GN=RAD23B PE=4 SV=1	2	1	1	1	386	40.6	4.89				521							388	314
W5P369	AP2A 2	AP-2 complex subunit alpha OS=Ovis aries OX=9940 GN=AP2A2 PE=3 SV=1	1	1	3	1	971	106.4	7.56	214.	187.			206	186.					236	184

W5QFM2	LRMP	Lymphoid restricted membrane protein OS=Ovis aries OX=9940 GN=LRMP PE=4 SV=1	1	1	2	1	552	62.1	5.72		183. 8	116 .5	177. 9	200	233	221		
W5PL69	BLMH	Uncharacterized protein OS=Ovis aries OX=9940 GN=BLMH PE=3 SV=1	2	1	1	1	459	52.9	6.64			694 .5		312		299 .7		
W5PIH0	CTSC	Pept_C1 domain-containing protein OS=Ovis aries OX=9940 GN=CTSC PE=3 SV=1	4	2	2	2	463	51.7	7.12			546 .8		338		335 .7		
W5P5G6	FKBP 2	Peptidylprolyl isomerase OS=Ovis aries OX=9940 GN=FKBP2 PE=4 SV=1	10	1	1	1	141	15.5	8.6			278 .8		455		355 .6		
W5PFV1	CTSL	Cathepsin L1 OS=Ovis aries OX=9940 GN=CTSL PE=3 SV=1	7	2	3	2	341	38.1	7.43	213. 1		192 .3	172	203	214	187 .6		
W5P9G8	PLD3	Uncharacterized protein OS=Ovis aries OX=9940 GN=PLD3 PE=4 SV=1	2	1	1	1	490	54.6	6.65		392 .9			387		370 .8		
W5PSH2		Ig-like domain-containing protein OS=Ovis aries OX=9940 PE=4 SV=1	7	1	2	1	119	12.5	6.76	135. 7	156	354 .8	140. 9		145	268		
W5PK40	SULF2	Uncharacterized protein OS=Ovis aries OX=9940 GN=SULF2 PE=4 SV=1	2	2	4	2	727	84.2	9.22	114. 8	160 .5	148 7	97. 7	91. 7	135	123	89. 4	132 .6
W5PRE3	WAS	Uncharacterized protein OS=Ovis aries OX=9940 GN=WAS PE=4 SV=1	2	1	1	1	464	49.2	7.01			530 .2		344		304		
W5QCG2	DPYS L5	Amidohydro-rel domain-containing protein OS=Ovis aries OX=9940 GN=DPYSL5 PE=4 SV=1	1	1	2	1	611	66.9	7.34			532 .8		345		338 .1		
W5QIE7	UXS1	Uncharacterized protein OS=Ovis aries OX=9940 GN=UXS1 PE=4 SV=1	4	1	1	1	396	44.9	7.64			350 .7		425		329 .3		
W5PV41	HHIPL 2	Uncharacterized protein OS=Ovis aries OX=9940 GN=HHIPL2 PE=4 SV=1	2	1	2	1	767	85.9	9.42			488 .2		419 .1		319 .6		
W5NQ92	ELOB	Ubiquitin-like domain-containing protein OS=Ovis aries OX=9940 GN=ELOB PE=4 SV=1	7	1	1	1	118	13.2	5.01			352 .6		474		526 .5		
W5Q1K0	ENPP2	Uncharacterized protein	1	1	1	1	917	105.2	8.13			404		425		354		

		OS=Ovis aries OX=9940 GN=ENPP2 PE=4 SV=1											.3								.5
B2LYL4	SNRPA	SNPRA OS=Ovis aries OX=9940 GN=SNRPA PE=2 SV=1	3	1	1	1	282	31.2	9.83				587 .2				310				295 .4
W5QCD2	ADPGK	Uncharacterized protein OS=Ovis aries OX=9940 GN=ADPGK PE=4 SV=1	2	1	1	1	435	47.5	5.49				393				496 .1				301 .7
W5Q0D6	MSRA	PMSR domain-containing protein OS=Ovis aries OX=9940 GN=MSRA PE=3 SV=1	3	1	2	1	248	27.7	7.64				767 .7				259				275
W5PMS1	COMP	Uncharacterized protein OS=Ovis aries OX=9940 GN=COMP PE=4 SV=1	2	1	1	1	739	80.3	4.84	427. 1			481 .4				444				
W5P620	OBSCN	Uncharacterized protein OS=Ovis aries OX=9940 GN=OBSCN PE=4 SV=1	0	1	1	1	6991	756.7	6.27				327			313. 2				405	
W5NY70		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	4	1	2	1	183	20	8.63				388. 8			433. 6				456	
W5NVZ5	DNAH10	Uncharacterized protein OS=Ovis aries OX=9940 GN=DNAH10 PE=4 SV=1	1	1	24	1	4472	514.4	5.73	118	88.1	110 .6	65 .1	120 86.6	95. 8	99	96. 3	101	101 .5	101 .5	125 .5
W5PVR6	TNFAIP8L2	Uncharacterized protein OS=Ovis aries OX=9940 GN=TNFAIP8L2 PE=4 SV=1	4	1	1	1	184	20.5	9.06				490 .1				352				382 .8
W5P769	TRIM32	Uncharacterized protein OS=Ovis aries OX=9940 GN=TRIM32 PE=4 SV=1	1	1	3	1	564	61.7	7.23	116. 6	134. 3		89. 4	139 .1	119. 3		172	158	144		138 .7
W5P6A5	SPINT2	Uncharacterized protein OS=Ovis aries OX=9940 GN=SPINT2 PE=4 SV=1	3	1	1	1	250	27.9	7.65				355 .7				343				469 .3
W5P5C5	GYG1	Uncharacterized protein OS=Ovis aries OX=9940 GN=GYG1 PE=4 SV=1	7	2	3	2	330	37.1	5.5				554 .2				409				306 .7
A2P2G1	VH	VH region (Fragment) OS=Ovis aries OX=9940 GN=VH PE=2 SV=1	16	1	1	1	141	15.2	5.31			330. 3			433. 6				327		
W5QCI3	CYB5R3	NADH-cytochrome b5 reductase OS=Ovis aries OX=9940 GN=CYB5R3 PE=3 SV=1	8	2	2	2	301	34.1	7.31	189. 9			195 .1	230 .8			251	201			165 .8

W5PZE2	CCDC 153	Uncharacterized protein OS=Ovis aries OX=9940 GN=CCDC153 PE=4 SV=1	3	1	1	1	202	23.1	8.69		248. 3			296. 9				271			
W5PRA0	BPNT 1	Uncharacterized protein OS=Ovis aries OX=9940 GN=BPNT1 PE=4 SV=1	4	1	1	1	309	33.4	5.53			468 .8				396			357 .1		
W5PW27	COX5 B	Uncharacterized protein OS=Ovis aries OX=9940 GN=COX5B PE=1 SV=1	8	1	2	1	143	15.2	8.51			478 .1				433			299 .7		
W5PPD6	FLOT1	Flotillin OS=Ovis aries OX=9940 GN=FLOT1 PE=3 SV=1	3	1	3	1	429	47.6	6.89		181 .7	157 .5		203 .2	249			224 .8	177		
W5PJ64	TPD52 L2	Uncharacterized protein OS=Ovis aries OX=9940 GN=TPD52L2 PE=4 SV=1	6	1	1	1	227	24.7	7.59			318 .3			394				445 .5		
W5NYU4		G_PROTEIN_RECEP_F1_ 2 domain-containing protein OS=Ovis aries OX=9940 PE=3 SV=1	8	1	16	1	294	33.2	8.09	214	186. 6		227 .3	175. 8		226	198				
W5P366	FAM5 0A	Uncharacterized protein OS=Ovis aries OX=9940 GN=FAM50A PE=4 SV=1	4	1	1	1	327	38.5	6.25			375 .3			432				369 .1		
W5PBU7	TMPR SS13	Uncharacterized protein OS=Ovis aries OX=9940 GN=TMPRSS13 PE=3 SV=1	2	1	7	1	525	57.6	8.34	72.9	84.2	56. 5	39. 7	94. 9	79.9	114	104	165	117	83. 1	125 .2
W5PES2	TBC1 D32	Uncharacterized protein OS=Ovis aries OX=9940 GN=TBC1D32 PE=4 SV=1	1	1	3	1	1302	149.6	6.18		380. 1		375 .5			448					
W5P6V7	DDX3 9A	Uncharacterized protein OS=Ovis aries OX=9940 GN=DDX39A PE=4 SV=1	2	1	1	1	471	53.7	6.16			868 .4			245				200 .1		
W5PCM7	LOC10 110593 7	Uncharacterized protein OS=Ovis aries OX=9940 GN=LOC101105937 PE=4 SV=1	2	1	2	1	388	41.8	6.98			311 .7		435 .3				404 .6			
W5PCR3	SAFB	Uncharacterized protein OS=Ovis aries OX=9940 GN=SAFB PE=4 SV=1	1	1	1	1	900	100.4	5.39			649 .1			354				310 .9		
W5PVH8	ATP6 V1E1	Uncharacterized protein OS=Ovis aries OX=9940 GN=ATP6V1E1 PE=3	3	1	5	1	226	26.1	8.44	113. 3	106	111	80. 3	113 .3	93.1	90	107	99. 2	103	83. 5	107 .2

		SV=1																		
W5PNZ5	FKBP 4	Peptidylprolyl isomerase OS=Ovis aries OX=9940 GN=FKBP4 PE=4 SV=1	1	1	1	1	488	54.8	6.15			747 .9				304				241 .4
W5Q1V3	S1PR2	G_PROTEIN_RECEP_F1_2 domain-containing protein OS=Ovis aries OX=9940 GN=S1PR2 PE=3 SV=1	2	1	1	1	352	38.6	8.85			709 .2				294				269 .3
W5P2Y1	B4GA T1	Beta-1,4-glucuronyltransferase 1 OS=Ovis aries OX=9940 GN=B4GAT1 PE=4 SV=1	2	1	2	1	392	44.6	7.02			412 .9			402					410
W5PDY2		Uncharacterized protein OS=Ovis aries OX=9940 PE=4 SV=1	0	1	1	1	2330	261.1	6.24		823. 4			252. 8					259	