

Protein Class	Contig ID	TPM - Segemehl	TPM - Kallisto	Signal Peptide	Protein Hit	Protein Name	false positive
Aegyptin	no hit	0	0	X	X		
Alpha-amylase	Gene.32383:c6358_g1_i1_VG_Eu_ru_204:g.32383:m.32383	8095.60	4447.21	YES	NO		
Anophelin	no hit	0	0	X	X		
Apyrase	Gene.94938:c23568_g1_i1_VG_Eu_ru_204:g.94938:m.94938 Gene.88055:c16877_g1_i1_VG_Eu_ru_204:g.88055:m.88055 Gene.99726:c27472_g1_i1_VG_Eu_ru_204:g.99726:m.99726 Gene.90958:c18849_g1_i1_VG_Eu_ru_204:g.90958:m.90958 Gene.114344:c41461_g1_i1_VG_Eu_ru_204:g.114344:m.114344 Gene.94413:c23299_g1_i1_VG_Eu_ru_204:g.94413:m.94413	0.81 0.52 0.39 0.20 0.22 0.21	0.47 0.27 0.18 0.21 0.98 0.57	NO NO NO NO NO NO	NO NO NO NO NO NO		
CAP	Gene.56292:c8081_g1_i1_VG_Eu_ru_204:g.56292:m.56292 Gene.25434:c5637_g1_i1_VG_Eu_ru_204:g.25434:m.25434 Gene.56304:c8081_g1_i2_VG_Eu_ru_204:g.56304:m.56304 Gene.120487:c47127_g1_i1_VG_Eu_ru_204:g.120487:m.120487 Gene.30179:c6142_g1_i2_VG_Eu_ru_204:g.30179:m.30179 Gene.30174:c6142_g1_i1_VG_Eu_ru_204:g.30174:m.30174 Gene.119506:c46271_g1_i1_VG_Eu_ru_204:g.119506:m.119506 Gene.114899:c42170_g1_i1_VG_Eu_ru_204:g.114899:m.114899	20.08 33.29 17.79 18.52 1.53 0.98 0.35 0.26	11.32 21.55 0.28 10.26 1.16 0.00 0.66 0.00	NO YES NO NO YES YES NO NO	NO NO NO NO NO NO NO NO		
Chitinase	Gene.50699:c7760_g1_i1_VG_Eu_ru_204:g.50699:m.50699 Gene.33640:c6465_g1_i1_VG_Eu_ru_204:g.33640:m.33640 Gene.74512:c8891_g1_i1_VG_Eu_ru_204:g.74512:m.74512 Gene.119146:c45986_g1_i1_VG_Eu_ru_204:g.119146:m.119146 Gene.58313:c8192_g1_i1_VG_Eu_ru_204:g.58313:m.58313 Gene.1064:c337_g1_i1_VG_Eu_ru_204:g.1064:m.1064 Gene.7116:c2115_g1_i1_VG_Eu_ru_204:g.7116:m.7116 Gene.105109:c32613_g1_i1_VG_Eu_ru_204:g.105109:m.105109 Gene.118790:c45742_g1_i1_VG_Eu_ru_204:g.118790:m.118790 Gene.106754:c34301_g1_i1_VG_Eu_ru_204:g.106754:m.106754 Gene.117565:c45001_g1_i1_VG_Eu_ru_204:g.117565:m.117565 Gene.116959:c44720_g1_i1_VG_Eu_ru_204:g.116959:m.116959 Gene.11852:c3557_g1_i1_VG_Eu_ru_204:g.11852:m.11852 Gene.91913:c19802_g1_i1_VG_Eu_ru_204:g.91913:m.91913 Gene.93109:c21215_g1_i1_VG_Eu_ru_204:g.93109:m.93109 Gene.113432:c40431_g1_i1_VG_Eu_ru_204:g.113432:m.113432 Gene.122395:c49222_g1_i1_VG_Eu_ru_204:g.122395:m.122395 Gene.117154:c44827_g1_i1_VG_Eu_ru_204:g.117154:m.117154 Gene.116091:c44044_g1_i1_VG_Eu_ru_204:g.116091:m.116091	218.71 2.89 9.46 8.94 4.75 7.56 0.96 0.83 0.59 1.31 0.45 0.35 0.39 0.52 0.20 0.31 0.23 0.25 0.15	111.70 0.93 5.20 4.70 2.74 4.64 0.64 0.48 0.54 1.11 0.54 0.23 0.21 0.94 0.57 1.19 0.44 1.91 0.00	YES NO YES NO NO NO NO NO NO NO NO NO NO YES NO NO NO NO NO	NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO		
Conoporin-like	no hit	0	0	X	X		
Csalpha/beta defensin	Gene.23259:c5354_g1_i1_VG_Eu_ru_204:g.23259:m.23259 Gene.918:c290_g1_i1_VG_Eu_ru_204:g.918:m.918 Gene.101988:c30522_g1_i1_VG_Eu_ru_204:g.101988:m.101988	3.45 1.11 0.77	3.81 1.99 1.31	NO NO NO	NO NO NO		
Cystatin	no hit	0	0	X	X		
dICKS's	Gene.14819:c4098_g1_i1_VG_Eu_ru_204:g.14819:m.14819	2.45	1.57	YES	NO		
Disintegrine-like	no hit	0	0	X	X		
Echotoxin-like	no hit	0	0	X	X		
Gigantoxin-like	no hit	0	0	X			
Hyaluronidase	Gene.43820:c7298_g1_i1_VG_Eu_ru_204:g.43820:m.43820 Gene.43838:c7298_g1_i3_VG_Eu_ru_204:g.43838:m.43838 Gene.43831:c7298_g1_i2_VG_Eu_ru_204:g.43831:m.43831 Gene.43850:c7298_g1_i4_VG_Eu_ru_204:g.43850:m.43850 Gene.86419:c15398_g1_i1_VG_Eu_ru_204:g.86419:m.86419	782.44 782.44 799.69 799.69 0.28	60.57 60.57 156.29 156.29 0.70	NO NO YES YES NO	NO NO NO NO NO		
ICK's (Asilidin1)	Gene.25482:c5644_g1_i1_VG_Eu_ru_204:g.25482:m.25482 Gene.6636:c1937_g1_i1_VG_Eu_ru_204:g.6636:m.6636 Gene.82712:c11039_g1_i1_VG_Eu_ru_204:g.82712:m.82712 Gene.25481:c5644_g1_i1_VG_Eu_ru_204:g.25481:m.25481 Gene.31380:c6259_g1_i1_VG_Eu_ru_204:g.31380:m.31380 Gene.14819:c4098_g1_i1_VG_Eu_ru_204:g.14819:m.14819 Gene.24414:c5508_g1_i1_VG_Eu_ru_204:g.24414:m.24414 Gene.9809:c2929_g1_i1_VG_Eu_ru_204:g.9809:m.9809 Gene.2787:c847_g1_i1_VG_Eu_ru_204:g.2787:m.2787 Gene.112880:c39870_g1_i1_VG_Eu_ru_204:g.112880:m.112880 Gene.122557:c49431_g1_i1_VG_Eu_ru_204:g.122557:m.122557	7165.69 736.05 11.97 8.75 10.67 2.45 1.94 0.84 0.40 0.38 0.11	10985.00 2538.30 22.97 10.67 28.06 1.57 5.86 1.39 1.22 1.01 0.51	NO YES YES NO YES YES YES YES YES NO NO	YES NO NO NO NO NO NO NO NO NO NO	U-Asilidin2-Eru1a	
Kazal	Gene.64171:c8487_g1_i4_VG_Eu_ru_204:g.64171:m.64171 Gene.64169:c8487_g1_i3_VG_Eu_ru_204:g.64169:m.64169 Gene.64177:c8487_g1_i5_VG_Eu_ru_204:g.64177:m.64177 Gene.64166:c8487_g1_i1_VG_Eu_ru_204:g.64166:m.64166 Gene.121387:c86013_g1_i1_VG_Eu_ru_204:g.121387:m.121387 Gene.10788:c3201_g1_i1_VG_Eu_ru_204:g.10788:m.10788 Gene.2778:c838_g1_i1_VG_Eu_ru_204:g.2778:m.2778 Gene.109049:c37346_g1_i1_VG_Eu_ru_204:g.109049:m.109049 Gene.2219:c705_g1_i1_VG_Eu_ru_204:g.2219:m.2219 Gene.5756:c1772_g1_i1_VG_Eu_ru_204:g.5756:m.5756 Gene.104297:c31944_g1_i1_VG_Eu_ru_204:g.104297:m.104297 Gene.90025:c18099_g1_i1_VG_Eu_ru_204:g.90025:m.90025 Gene.87647:c16666_g1_i1_VG_Eu_ru_204:g.87647:m.87647 Gene.112380:c39391_g1_i1_VG_Eu_ru_204:g.112380:m.112380 Gene.93420:c21625_g1_i1_VG_Eu_ru_204:g.93420:m.93420 Gene.105292:c32803_g1_i1_VG_Eu_ru_204:g.105292:m.105292 Gene.82765:c11072_g1_i1_VG_Eu_ru_204:g.82765:m.82765	14.30 11.35 11.66 12.26 6.27 4.33 5.20 0.77 0.53 0.68 0.59 1.04 0.25 0.32 0.18 0.18	10.16 0.76 0.59 1.13 6.27 3.00 6.08 0.36 0.31 0.46 0.25 1.81 0.22 0.51 0.42 1.25 0.00	YES YES YES YES YES YES NO NO NO NO YES NO NO NO NO NO NO	NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO		
Kazal (vasotab-like)	Gene.26724:c5793_g1_i1_VG_Eu_ru_204:g.26724:m.26724 Gene.120711:c47332_g1_i1_VG_Eu_ru_204:g.120711:m.120711 Gene.2219:c705_g1_i1_VG_Eu_ru_204:g.2219:m.2219 Gene.89427:c17662_g1_i1_VG_Eu_ru_204:g.89427:m.89427 Gene.103638:c31458_g1_i1_VG_Eu_ru_204:g.103638:m.103638	25.21 5.29 0.53 0.86 1.72	49.94 8.56 0.31 0.62 3.68	YES NO NO NO NO	NO NO NO NO NO		
Kunitz	Gene.109565:c37539_g1_i1_VG_Eu_ru_204:g.109565:m.109565 Gene.13684:c3920_g1_i1_VG_Eu_ru_204:g.13684:m.13684 Gene.51541:c7810_g1_i1_VG_Eu_ru_204:g.51541:m.51541 Gene.51552:c7810_g1_i2_VG_Eu_ru_204:g.51552:m.51552 Gene.33831:c6485_g1_i2_VG_Eu_ru_204:g.33831:m.33831 Gene.80039:c9399_g1_i1_VG_Eu_ru_204:g.80039:m.80039 Gene.33829:c6485_g1_i1_VG_Eu_ru_204:g.33829:m.33829 Gene.84166:c12408_g1_i1_VG_Eu_ru_204:g.84166:m.84166 Gene.102284:c30672_g1_i1_VG_Eu_ru_204:g.102284:m.102284 Gene.85170:c13653_g1_i1_VG_Eu_ru_204:g.85170:m.85170 Gene.121027:c47646_g1_i1_VG_Eu_ru_204:g.121027:m.121027	13.32 10.41 1.25 1.18 2.13 3.88 2.33 0.63 0.88 0.54 0.53	9.81 7.24 0.56 0.16 2.84 5.82 0.00 0.42 1.52 0.88 0.26	NO YES NO NO YES YES YES NO NO YES NO	NO NO NO NO NO NO NO NO NO NO NO		

	Gene.98032::c25729_g1_i1_VG_Eu_ru_204:g.98032:m.98032	0.46	0.92	YES	NO	
	Gene.84542::c12869_g1_i1_VG_Eu_ru_204:g.84542:m.84542	0.41	0.82	NO	NO	
	Gene.84800::c13191_g1_i1_VG_Eu_ru_204:g.84800:m.84800	0.32	0.00	NO	NO	
	Gene.93932::c22414_g1_i1_VG_Eu_ru_204:g.93932:m.93932	0.22	0.73	NO	NO	
	Gene.115912::c43738_g1_i1_VG_Eu_ru_204:g.115912:m.115912	0.29	0.00	NO	NO	
	Gene.83789::c12013_g1_i1_VG_Eu_ru_204:g.83789:m.83789	0.17	0.00	YES	NO	
Lectin c-type	Gene.54596::c7978_g2_i1_VG_Eu_ru_204:g.54596:m.54596	102.91	49.58	YES	NO	excluded
	Gene.54625::c7978_g2_i2_VG_Eu_ru_204:g.54625:m.54625	97.33	6.08	YES	NO	
	Gene.60435::c8303_g1_i1_VG_Eu_ru_204:g.60435:m.60435	8.58	4.45	NO	NO	
	Gene.24029::c5462_g1_i1_VG_Eu_ru_204:g.24029:m.24029	31.57	19.81	YES	NO	
	Gene.67911::c8661_g1_i1_VG_Eu_ru_204:g.67911:m.67911	2.64	0.93	NO	NO	
	Gene.67931::c8661_g1_i4_VG_Eu_ru_204:g.67931:m.67931	5.35	1.25	NO	NO	
	Gene.67923::c8661_g1_i2_VG_Eu_ru_204:g.67923:m.67923	3.94	0.49	NO	NO	
	Gene.117399::c44930_g1_i1_VG_Eu_ru_204:g.117399:m.117399	2.49	2.01	NO	NO	
	Gene.35394::c6607_g1_i1_VG_Eu_ru_204:g.35394:m.35394	2.15	1.73	YES	NO	
	Gene.79379::c9050_g1_i1_VG_Eu_ru_204:g.79379:m.79379	1.46	1.07	YES	NO	
	Gene.96956::c24817_g1_i1_VG_Eu_ru_204:g.96956:m.96956	0.26	0.15	NO	NO	
	Gene.100146::c28002_g1_i1_VG_Eu_ru_204:g.100146:m.100146	0.38	1.01	NO	NO	
Lipocalin calycins	Gene.95508::c23892_g1_i1_VG_Eu_ru_204:g.95508:m.95508	14.63	9.38	YES	NO	
	Gene.22429::c5248_g1_i1_VG_Eu_ru_204:g.22429:m.22429	5.88	4.06	YES	NO	
	Gene.93268::c21423_g1_i1_VG_Eu_ru_204:g.93268:m.93268	0.59	0.60	NO	NO	
	Gene.123561::c50908_g1_i1_VG_Eu_ru_204:g.123561:m.123561	0.33	0.29	NO	NO	
	Gene.1618::c565_g1_i1_VG_Eu_ru_204:g.1618:m.1618	0.26	0.13	YES	NO	
Maxadilan-like	no hit	0	0	X	X	
MBF2-domain	Gene.4165::c1212_g1_i1_VG_Eu_ru_204:g.4165:m.4165	9127.06	8716.38	YES	NO	
	Gene.4074::c1175_g6_i1_VG_Eu_ru_204:g.4074:m.4074	8346.96	10513.20	YES	NO	
	Gene.116489::c44479_g1_i1_VG_Eu_ru_204:g.116489:m.116489	3665.55	3129.84	NO	NO	
	Gene.36327::c6704_g1_i1_VG_Eu_ru_204:g.36327:m.36327	765.45	774.40	YES	NO	
	Gene.23269::c5357_g1_i1_VG_Eu_ru_204:g.23269:m.23269	400.44	233.46	YES	NO	
	Gene.23275::c5357_g1_i2_VG_Eu_ru_204:g.23275:m.23275	400.44	233.46	YES	NO	
	Gene.3256::c983_g1_i1_VG_Eu_ru_204:g.3256:m.3256	326.15	377.80	YES	NO	
	Gene.29774::c6107_g1_i1_VG_Eu_ru_204:g.29774:m.29774	128.84	133.63	YES	NO	
	Gene.17514::c4493_g1_i1_VG_Eu_ru_204:g.17514:m.17514	104.48	85.74	YES	NO	
	Gene.102744::c30916_g1_i1_VG_Eu_ru_204:g.102744:m.102744	21.14	35.10	NO	NO	
Melittin-like	no hit	0	0	X	X	
Mu agatoxin-like	no hit	0	0	X	X	
Natterin-like (Asilidin10)	Gene.8863::c2616_g1_i1_VG_Eu_ru_204:g.8863:m.8863	360.27	232.50	NO	NO	
	Gene.38911::c6949_g1_i1_VG_Eu_ru_204:g.38911:m.38911	207.42	152.24	NO	NO	
	Gene.50334::c7734_g1_i1_VG_Eu_ru_204:g.50334:m.50334	173.35	104.28	NO	NO	
	Gene.40271::c7041_g1_i2_VG_Eu_ru_204:g.40271:m.40271	124.30	33.19	NO	NO	
	Gene.40265::c7041_g1_i1_VG_Eu_ru_204:g.40265:m.40265	162.48	111.80	NO	NO	
Neurokinin-like	no hit	0	0	X	X	
Nitrophorin-like	no hit	0	0	X	X	
Novel protein 1 (Asilidin2)	Gene.94447::c23387_g1_i1_VG_Eu_ru_204:g.94447:m.94447	51106.96	31665.80	YES	YES	U-Asilidin2-Eru1a U-Asilidin2-Eru3a U-Asilidin2-Eru3b U-Asilidin2-Eru2a U-Asilidin2-Eru4a
	Gene.46103::c7461_g2_i2_VG_Eu_ru_204:g.46103:m.46103	37141.21	20682.20	YES	YES	
	Gene.46097::c7461_g2_i1_VG_Eu_ru_204:g.46097:m.46097	36258.27	53.86	YES	YES	
	Gene.79411::c9061_g1_i1_VG_Eu_ru_204:g.79411:m.79411	31252.23	17001.90	NO	YES	
	Gene.9035::c2674_g3_i1_VG_Eu_ru_204:g.9035:m.9035	33909.37	19163.10	YES	YES	
	Gene.8959::c2651_g5_i1_VG_Eu_ru_204:g.8959:m.8959	26367.31	15797.80	YES	NO	
	Gene.2314::c726_g1_i1_VG_Eu_ru_204:g.2314:m.2314	14338.19	8246.11	YES	NO	
	Gene.37863::c6854_g2_i1_VG_Eu_ru_204:g.37863:m.37863	4196.43	2561.53	YES	NO	
	Gene.37864::c6854_g2_i1_VG_Eu_ru_204:g.37864:m.37864	81.59	62.05	YES	NO	
	Gene.23725::c5413_g1_i1_VG_Eu_ru_204:g.23725:m.23725	5.55	3.41	YES	NO	
	Gene.115324::c42846_g1_i1_VG_Eu_ru_204:g.115324:m.115324	1.64	1.63	NO	NO	
Novel protein (Asilidin3)	Gene.14234::c4012_g1_i1_VG_Eu_ru_204:g.14234:m.14234	50168.40	65478.30	YES	YES	U-Asilidin3-Eru1a
Novel protein (Asilidin4)	Gene.8837::c2610_g3_i1_VG_Eu_ru_204:g.8837:m.8837	23893.20	39114.10	YES	YES	U-Asilidin4-Eru1a
Novel protein (Asilidin5)	Gene.79357::c9042_g2_i1_VG_Eu_ru_204:g.79357:m.79357	9686.63	5586.70	YES	YES	U-Asilidin5-Eru1a
Novel protein (Asilidin6)	Gene.87115::c16440_g1_i1_VG_Eu_ru_204:g.87115:m.87115	2430.98	1642.03	NO	NO	
Novel protein (Asilidin7)	no hit	0	0	X	X	
Peptidase M12	Gene.62234::c8406_g1_i2_VG_Eu_ru_204:g.62234:m.62234	3.25	0.55	NO	NO	
	Gene.62264::c8406_g1_i5_VG_Eu_ru_204:g.62264:m.62264	3.91	0.00	NO	NO	
	Gene.62287::c8406_g1_i9_VG_Eu_ru_204:g.62287:m.62287	3.88	0.89	NO	NO	
	Gene.33027::c6414_g1_i3_VG_Eu_ru_204:g.33027:m.33027	6.93	1.51	YES	NO	
	Gene.33023::c6414_g1_i1_VG_Eu_ru_204:g.33023:m.33023	7.16	1.39	YES	NO	
	Gene.62283::c8406_g1_i8_VG_Eu_ru_204:g.62283:m.62283	4.07	0.21	NO	NO	
	Gene.62245::c8406_g1_i3_VG_Eu_ru_204:g.62245:m.62245	4.13	0.40	NO	NO	
	Gene.62252::c8406_g1_i4_VG_Eu_ru_204:g.62252:m.62252	4.13	0.40	NO	NO	
	Gene.33025::c6414_g1_i2_VG_Eu_ru_204:g.33025:m.33025	6.38	0.47	NO	NO	
	Gene.4544::c1347_g1_i1_VG_Eu_ru_204:g.4544:m.4544	1.75	0.29	YES	NO	
	Gene.62253::c8406_g1_i4_VG_Eu_ru_204:g.62253:m.62253	2.70	0.21	NO	NO	
	Gene.33031::c6414_g1_i4_VG_Eu_ru_204:g.33031:m.33031	5.69	1.01	NO	NO	
	Gene.8652::c2549_g1_i1_VG_Eu_ru_204:g.8652:m.8652	0.85	0.47	NO	NO	
	Gene.8687::c2562_g1_i1_VG_Eu_ru_204:g.8687:m.8687	0.93	0.61	NO	NO	
	Gene.109216::c37411_g1_i1_VG_Eu_ru_204:g.109216:m.109216	0.89	0.61	NO	NO	
	Gene.90532::c18508_g1_i1_VG_Eu_ru_204:g.90532:m.90532	0.56	0.32	NO	NO	
	Gene.79316::c9026_g1_i1_VG_Eu_ru_204:g.79316:m.79316	0.54	0.37	NO	NO	
	Gene.87237::c16483_g1_i1_VG_Eu_ru_204:g.87237:m.87237	0.36	0.32	NO	NO	
	Gene.98469::c26123_g1_i1_VG_Eu_ru_204:g.98469:m.98469	0.61	0.55	NO	NO	
	Gene.80337::c9481_g1_i1_VG_Eu_ru_204:g.80337:m.80337	0.46	0.43	NO	NO	
	Gene.100718::c28800_g1_i1_VG_Eu_ru_204:g.100718:m.100718	0.36	0.18	NO	NO	
Peptidase M13	Gene.29383::c6071_g1_i1_VG_Eu_ru_204:g.29383:m.29383	639.21	370.67	NO	NO	
	Gene.36051::c6668_g1_i1_VG_Eu_ru_204:g.36051:m.36051	9.59	4.86	YES	NO	
	Gene.49552::c7682_g1_i1_VG_Eu_ru_204:g.49552:m.49552	4.33	2.26	NO	NO	
	Gene.2935::c905_g1_i1_VG_Eu_ru_204:g.2935:m.2935	2.49	1.29	NO	NO	
	Gene.49558::c7682_g1_i2_VG_Eu_ru_204:g.49558:m.49558	4.30	0.00	NO	NO	
	Gene.38883::c6946_g1_i1_VG_Eu_ru_204:g.38883:m.38883	1.97	0.97	YES	NO	
	Gene.108990::c37328_g1_i1_VG_Eu_ru_204:g.108990:m.108990	1.32	0.64	NO	YES	
	Gene.3150::c959_g1_i1_VG_Eu_ru_204:g.3150:m.3150	0.97	0.71	NO	NO	
	Gene.96173::c24285_g1_i1_VG_Eu_ru_204:g.96173:m.96173	0.91	0.57	NO	NO	
	Gene.2603::c783_g1_i1_VG_Eu_ru_204:g.2603:m.2603	0.72	0.76	NO	NO	
	Gene.88372::c17029_g1_i1_VG_Eu_ru_204:g.88372:m.88372	0.47	0.24	NO	NO	
	Gene.87819::c16751_g1_i1_VG_Eu_ru_204:g.87819:m.87819	0.56	0.35	NO	NO	
	Gene.87689::c16691_g1_i1_VG_Eu_ru_204:g.87689:m.87689	0.35	0.21	NO	NO	
	Gene.105187::c32686_g1_i1_VG_Eu_ru_204:g.105187:m.105187	0.32	0.23	NO	NO	
	Gene.81956::c10469_g1_i1_VG_Eu_ru_204:g.81956:m.81956	0.31	0.16	NO	NO	

	Gene.102833:c30968_g1_i1_VG_Eu_ru_204:g.102833:m.102833	0.37	0.64	NO	NO	
	Gene.112632:c39626_g1_i1_VG_Eu_ru_204:g.112632:m.112632	0.61	0.44	NO	NO	
	Gene.91180:c19045_g1_i1_VG_Eu_ru_204:g.91180:m.91180	0.29	0.28	NO	NO	
	Gene.120319:c46978_g1_i1_VG_Eu_ru_204:g.120319:m.120319	0.51	0.67	NO	NO	
	Gene.91779:c19672_g1_i1_VG_Eu_ru_204:g.91779:m.91779	0.32	0.17	NO	NO	
	Gene.94757:c23493_g1_i1_VG_Eu_ru_204:g.94757:m.94757	0.34	0.78	YES	NO	
	Gene.114621:c41775_g1_i1_VG_Eu_ru_204:g.114621:m.114621	0.31	0.48	NO	NO	
	Gene.95299:c23766_g1_i1_VG_Eu_ru_204:g.95299:m.95299	0.36	0.85	NO	NO	
	Gene.119241:c46054_g1_i1_VG_Eu_ru_204:g.119241:m.119241	0.36	0.85	NO	NO	
	Gene.93841:c22248_g1_i1_VG_Eu_ru_204:g.93841:m.93841	0.30	0.73	NO	NO	
	Gene.98848:c26516_g1_i1_VG_Eu_ru_204:g.98848:m.98848	0.29	0.22	YES	NO	
	Gene.105589:c33079_g1_i1_VG_Eu_ru_204:g.105589:m.105589	0.32	0.88	NO	NO	
	Gene.85610:c14196_g1_i1_VG_Eu_ru_204:g.85610:m.85610	0.35	1.02	NO	NO	
	Gene.85960:c14656_g1_i1_VG_Eu_ru_204:g.85960:m.85960	0.21	0.43	NO	NO	
	Gene.84233:c12466_g1_i1_VG_Eu_ru_204:g.84233:m.84233	0.26	0.59	NO	NO	
	Gene.92338:c20266_g1_i1_VG_Eu_ru_204:g.92338:m.92338	0.30	0.90	NO	NO	
	Gene.121950:c48667_g1_i1_VG_Eu_ru_204:g.121950:m.121950	0.24	0.46	NO	NO	
	Gene.109930:c37706_g1_i1_VG_Eu_ru_204:g.109930:m.109930	0.24	0.00	NO	NO	
	Gene.110290:c37919_g1_i1_VG_Eu_ru_204:g.110290:m.110290	0.21	0.59	NO	NO	
	Gene.120563:c47203_g1_i1_VG_Eu_ru_204:g.120563:m.120563	0.25	1.91	NO	NO	
	Gene.122947:c49936_g1_i1_VG_Eu_ru_204:g.122947:m.122947	0.19	0.00	NO	NO	
	Gene.92848:c20908_g1_i1_VG_Eu_ru_204:g.92848:m.92848	0.19	0.95	NO	NO	
	Gene.120512:c47158_g1_i1_VG_Eu_ru_204:g.120512:m.120512	0.16	1.32	NO	NO	
Peptidase M14	Gene.16298:c4327_g1_i1_VG_Eu_ru_204:g.16298:m.16298	14.90	7.69	YES	NO	
	Gene.62949:c8433_g1_i1_VG_Eu_ru_204:g.62949:m.62949	7.59	4.31	NO	NO	
	Gene.29528:c6083_g1_i1_VG_Eu_ru_204:g.29528:m.29528	4.21	2.41	YES	NO	
	Gene.4616:c1376_g1_i1_VG_Eu_ru_204:g.4616:m.4616	2.43	1.48	YES	NO	
	Gene.18179:c4601_g1_i1_VG_Eu_ru_204:g.18179:m.18179	1.76	0.95	YES	NO	
	Gene.81090:c9875_g1_i1_VG_Eu_ru_204:g.81090:m.81090	0.54	0.29	NO	NO	
	Gene.111980:c39040_g1_i1_VG_Eu_ru_204:g.111980:m.111980	0.49	0.36	NO	NO	
	Gene.99548:c27280_g1_i1_VG_Eu_ru_204:g.99548:m.99548	0.40	0.19	NO	NO	
	Gene.85633:c14214_g1_i1_VG_Eu_ru_204:g.85633:m.85633	0.30	0.00	NO	NO	
	Gene.114071:c41151_g1_i1_VG_Eu_ru_204:g.114071:m.114071	0.25	0.24	NO	NO	
	Gene.94033:c22571_g1_i1_VG_Eu_ru_204:g.94033:m.94033	0.22	0.71	NO	NO	
	Gene.100219:c28096_g1_i1_VG_Eu_ru_204:g.100219:m.100219	0.25	0.00	NO	NO	
Peptidase S10	Gene.7190:c2146_g1_i1_VG_Eu_ru_204:g.7190:m.7190	12.23	7.15	YES	NO	
Peptidase S1	Gene.108685:c37210_g2_i1_VG_Eu_ru_204:g.108685:m.108685	27580.99	16772.00	NO	NO	
	Gene.3533:c1049_g1_i2_VG_Eu_ru_204:g.3533:m.3533	17647.63	7357.31	NO	NO	
	Gene.3527:c1049_g1_i1_VG_Eu_ru_204:g.3527:m.3527	18589.80	3203.29	YES	NO	
	Gene.94691:c23464_g2_i1_VG_Eu_ru_204:g.94691:m.94691	13282.56	7946.86	NO	NO	
	Gene.116445:c44470_g1_i1_VG_Eu_ru_204:g.116445:m.116445	5299.94	3315.12	NO	NO	
	Gene.32897:c6401_g1_i1_VG_Eu_ru_204:g.32897:m.32897	2284.21	1488.10	YES	NO	
	Gene.94708:c23473_g1_i1_VG_Eu_ru_204:g.94708:m.94708	1263.94	752.92	YES	NO	
	Gene.28201:c5950_g1_i1_VG_Eu_ru_204:g.28201:m.28201	719.69	373.18	YES	NO	
	Gene.66344:c8591_g1_i1_VG_Eu_ru_204:g.66344:m.66344	101.90	60.98	YES	NO	
	Gene.95279:c23747_g1_i1_VG_Eu_ru_204:g.95279:m.95279	109.17	67.60	YES	NO	
	Gene.48270:c7594_g1_i1_VG_Eu_ru_204:g.48270:m.48270	74.85	45.16	NO	NO	
	Gene.3713:c1081_g1_i1_VG_Eu_ru_204:g.3713:m.3713	63.41	36.66	YES	NO	
	Gene.44622:c7344_g1_i1_VG_Eu_ru_204:g.44622:m.44622	72.51	53.63	NO	NO	
	Gene.12417:c3682_g1_i1_VG_Eu_ru_204:g.12417:m.12417	39.63	23.26	YES	NO	
	Gene.6726:c1959_g1_i1_VG_Eu_ru_204:g.6726:m.6726	50.65	31.79	YES	NO	
	Gene.112040:c39094_g1_i1_VG_Eu_ru_204:g.112040:m.112040	47.72	27.75	NO	NO	
	Gene.1536:c522_g1_i1_VG_Eu_ru_204:g.1536:m.1536	38.74	23.11	YES	NO	
	Gene.94695:c23464_g5_i1_VG_Eu_ru_204:g.94695:m.94695	38.99	25.64	YES	NO	
	Gene.103488:c31358_g1_i1_VG_Eu_ru_204:g.103488:m.103488	34.49	21.62	NO	NO	
	Gene.64671:c8511_g1_i1_VG_Eu_ru_204:g.64671:m.64671	21.84	6.98	NO	NO	
	Gene.64677:c8511_g1_i2_VG_Eu_ru_204:g.64677:m.64677	20.91	6.03	NO	NO	
	Gene.117404:c44932_g1_i1_VG_Eu_ru_204:g.117404:m.117404	16.15	9.82	NO	NO	
	Gene.33673:c6467_g1_i1_VG_Eu_ru_204:g.33673:m.33673	24.19	13.80	YES	NO	
	Gene.28690:c5995_g1_i1_VG_Eu_ru_204:g.28690:m.28690	23.86	15.04	NO	NO	
	Gene.14211:c4007_g1_i1_VG_Eu_ru_204:g.14211:m.14211	21.94	13.17	YES	NO	
	Gene.51445:c7798_g1_i3_VG_Eu_ru_204:g.51445:m.51445	13.30	5.83	YES	NO	
	Gene.51430:c7798_g1_i1_VG_Eu_ru_204:g.51430:m.51430	13.00	1.76	YES	NO	
	Gene.47327:c7525_g1_i1_VG_Eu_ru_204:g.47327:m.47327	16.24	10.51	YES	NO	
	Gene.97431:c25195_g1_i1_VG_Eu_ru_204:g.97431:m.97431	15.42	9.33	YES	NO	
	Gene.17551:c4500_g1_i1_VG_Eu_ru_204:g.17551:m.17551	18.13	10.64	YES	NO	
	Gene.102485:c30773_g1_i1_VG_Eu_ru_204:g.102485:m.102485	15.48	8.21	NO	NO	
	Gene.102234:c30650_g1_i1_VG_Eu_ru_204:g.102234:m.102234	15.35	8.79	NO	NO	
	Gene.48562:c7612_g1_i1_VG_Eu_ru_204:g.48562:m.48562	10.20	6.07	YES	NO	
	Gene.58657:c8212_g1_i3_VG_Eu_ru_204:g.58657:m.58657	9.77	4.30	NO	NO	
	Gene.1344:c453_g1_i1_VG_Eu_ru_204:g.1344:m.1344	11.02	7.78	YES	NO	
	Gene.73391:c8859_g1_i1_VG_Eu_ru_204:g.73391:m.73391	10.92	8.43	YES	NO	
	Gene.51438:c7798_g1_i2_VG_Eu_ru_204:g.51438:m.51438	11.88	0.00	NO	NO	
	Gene.46185:c7467_g1_i1_VG_Eu_ru_204:g.46185:m.46185	9.82	6.31	YES	NO	
	Gene.35896:c6652_g1_i1_VG_Eu_ru_204:g.35896:m.35896	6.51	3.41	YES	NO	
	Gene.907:c285_g1_i1_VG_Eu_ru_204:g.907:m.907	8.72	5.66	YES	NO	
	Gene.3941:c1136_g1_i1_VG_Eu_ru_204:g.3941:m.3941	8.50	5.04	YES	NO	
	Gene.12247:c3643_g1_i1_VG_Eu_ru_204:g.12247:m.12247	7.27	4.05	YES	NO	
	Gene.103441:c31324_g1_i1_VG_Eu_ru_204:g.103441:m.103441	7.67	5.16	NO	NO	
	Gene.6510:c1904_g1_i1_VG_Eu_ru_204:g.6510:m.6510	9.67	5.69	YES	NO	
	Gene.51355:c7793_g2_i1_VG_Eu_ru_204:g.51355:m.51355	6.81	3.97	YES	NO	
	Gene.58652:c8212_g1_i1_VG_Eu_ru_204:g.58652:m.58652	8.24	1.59	NO	NO	
	Gene.49862:c7700_g1_i1_VG_Eu_ru_204:g.49862:m.49862	6.52	4.33	YES	NO	
	Gene.17400:c4475_g1_i1_VG_Eu_ru_204:g.17400:m.17400	4.16	2.50	YES	NO	
	Gene.20016:c4911_g1_i1_VG_Eu_ru_204:g.20016:m.20016	5.43	3.42	NO	NO	
	Gene.14840:c4103_g1_i2_VG_Eu_ru_204:g.14840:m.14840	5.29	3.55	YES	NO	
	Gene.52576:c7883_g1_i2_VG_Eu_ru_204:g.52576:m.52576	4.61	2.88	YES	NO	
	Gene.58653:c8212_g1_i1_VG_Eu_ru_204:g.58653:m.58653	8.45	0.96	NO	NO	
	Gene.10283:c3071_g1_i1_VG_Eu_ru_204:g.10283:m.10283	4.48	2.22	YES	NO	
	Gene.118633:c45639_g1_i1_VG_Eu_ru_204:g.118633:m.118633	2.42	1.39	NO	NO	
	Gene.52574:c7883_g1_i1_VG_Eu_ru_204:g.52574:m.52574	3.48	2.19	YES	NO	
	Gene.47849:c7566_g1_i1_VG_Eu_ru_204:g.47849:m.47849	3.71	1.35	NO	NO	
	Gene.47856:c7566_g1_i2_VG_Eu_ru_204:g.47856:m.47856	3.71	1.35	NO	NO	
	Gene.108756:c37236_g1_i1_VG_Eu_ru_204:g.108756:m.108756	1.13	0.57	NO	NO	
	Gene.18064:c4584_g1_i1_VG_Eu_ru_204:g.18064:m.18064	1.52	0.67	YES	NO	
	Gene.97988:c25688_g1_i1_VG_Eu_ru_204:g.97988:m.97988	3.39	2.20	YES	NO	
	Gene.3898:c1126_g1_i1_VG_Eu_ru_204:g.3898:m.3898	2.65	1.46	YES	NO	
	Gene.43795:c7293_g1_i1_VG_Eu_ru_204:g.43795:m.43795	2.84	1.71	YES	NO	
	Gene.55647:c8044_g1_i1_VG_Eu_ru_204:g.55647:m.55647	2.16	1.33	YES	NO	
	Gene.90400:c18414_g1_i1_VG_Eu_ru_204:g.90400:m.90400	1.59	0.89	NO	NO	
	Gene.87056:c16423_g1_i1_VG_Eu_ru_204:g.87056:m.87056	1.63	1.12	NO	NO	
	Gene.1768:c607_g1_i1_VG_Eu_ru_204:g.1768:m.1768	1.64	0.98	YES	NO	
	Gene.13593:c3896_g1_i1_VG_Eu_ru_204:g.13593:m.13593	1.73	1.56	YES	NO	
	Gene.10989:c3276_g1_i1_VG_Eu_ru_204:g.10989:m.10989	1.69	0.84	YES	NO	
	Gene.10894:c3243_g1_i1_VG_Eu_ru_204:g.10894:m.10894	1.07	0.50	YES	NO	
	Gene.4004:c1152_g1_i1_VG_Eu_ru_204:g.4004:m.4004	1.80	1.08	YES	NO	
	Gene.96884:c24774_g1_i1_VG_Eu_ru_204:g.96884:m.96884	1.66	0.78	YES	NO	
	Gene.15060:c4147_g1_i1_VG_Eu_ru_204:g.15060:m.15060	0.74	0.39	NO	NO	
	Gene.43816:c7297_g1_i1_VG_Eu_ru_204:g.43816:m.43816	1.17	0.60	YES	NO	
	Gene.1394:c478_g1_i1_VG_Eu_ru_204:g.1394:m.1394	0.99	0.58	YES	NO	
	Gene.94601:c23431_g1_i1_VG_Eu_ru_204:g.94601:m.94601	1.04	0.55	YES	NO	
	Gene.82355:c10772_g1_i1_VG_Eu_ru_204:g.82355:m.82355	1.99	1.96	NO	NO	
	Gene.11436:c3441_g1_i2_VG_Eu_ru_204:g.11436:m.11436	1.24	0.53	NO	NO	
	Gene.2303:c724_g1_i2_VG_Eu_ru_204:g.2303:m.2303	0.98	0.52	NO	NO	
	Gene.9674:c2893_g1_i1_VG_Eu_ru_204:g.9674:m.9674	0.62	0.35	YES	NO	
	Gene.11434:c3441_g1_i1_VG_Eu_ru_204:g.11434:m.11434	1.18	0.30	NO	NO	
	Gene.89826:c17948_g1_i1_VG_Eu_ru_204:g.89826:m.89826	0.68	0.50	YES	NO	
	Gene.14833:c4101_g1_i1_VG_Eu_ru_204:g.14833:m.14833	1.33	1.29	NO	NO	
	Gene.14962:c4123_g1_i1_VG_Eu_ru_204:g.14962:m.14962	1.04	0.65	NO	NO	
	Gene.117139:c44822_g1_i1_VG_Eu_ru_204:g.117139:m.117139	0.79	0.36	NO	NO	
	Gene.35815:c6645_g2_i1_VG_Eu_ru_204:g.35815:m.35815	0.78	0.19	NO	NO	
	Gene.82211:c10654_g1_i1_VG_Eu_ru_204:g.82211:m.82211	0.84	0.56	NO	NO	
	Gene.7337:c2196_g1_i1_VG_Eu_ru_204:g.7337:m.7337	0.69	0.47	NO	NO	

excluded

	Gene.145:c57_g1_i1_VG_Eu_ru_204:g.145:m.145	1.02	0.89	NO	NO		
	Gene.2299:c724_g1_i1_VG_Eu_ru_204:g.2299:m.2299	1.04	0.00	NO	NO		
	Gene.117462:c44953_g1_i1_VG_Eu_ru_204:g.117462:m.117462	0.66	0.51	NO	NO		
	Gene.3147:c957_g1_i1_VG_Eu_ru_204:g.3147:m.3147	0.58	0.47	YES	NO		
	Gene.35821:c6645_g4_i1_VG_Eu_ru_204:g.35821:m.35821	0.46	0.34	NO	NO		
	Gene.95685:c23992_g1_i1_VG_Eu_ru_204:g.95685:m.95685	0.85	0.72	NO	NO		
	Gene.81289:c10000_g1_i1_VG_Eu_ru_204:g.81289:m.81289	0.65	0.62	NO	NO		
	Gene.73394:c8859_g1_i2_VG_Eu_ru_204:g.73394:m.73394	1.49	2.12	NO	NO		
	Gene.4766:c1421_g1_i1_VG_Eu_ru_204:g.4766:m.4766	0.55	0.36	NO	NO		
	Gene.95761:c24039_g1_i1_VG_Eu_ru_204:g.95761:m.95761	0.38	0.14	NO	NO		
	Gene.116799:c44628_g1_i1_VG_Eu_ru_204:g.116799:m.116799	0.90	0.86	NO	NO		
	Gene.121265:c47878_g1_i1_VG_Eu_ru_204:g.121265:m.121265	0.73	0.70	NO	NO		
	Gene.97637:c25385_g1_i1_VG_Eu_ru_204:g.97637:m.97637	0.47	0.30	NO	NO		
	Gene.4918:c1501_g1_i2_VG_Eu_ru_204:g.4918:m.4918	0.56	0.55	NO	NO		
	Gene.106239:c33759_g1_i1_VG_Eu_ru_204:g.106239:m.106239	0.48	0.17	NO	NO		
	Gene.119970:c46654_g1_i1_VG_Eu_ru_204:g.119970:m.119970	0.59	0.24	NO	NO		
	Gene.7323:c2189_g1_i1_VG_Eu_ru_204:g.7323:m.7323	1.39	3.78	NO	NO		
	Gene.120396:c47046_g1_i1_VG_Eu_ru_204:g.120396:m.120396	0.66	0.74	NO	NO		
	Gene.120642:c47275_g1_i1_VG_Eu_ru_204:g.120642:m.120642	0.32	0.17	NO	NO		
	Gene.97650:c25399_g1_i1_VG_Eu_ru_204:g.97650:m.97650	0.80	0.68	NO	NO		
	Gene.102550:c38085_g1_i1_VG_Eu_ru_204:g.102550:m.102550	0.79	0.66	NO	NO		
	Gene.119120:c45971_g1_i1_VG_Eu_ru_204:g.119120:m.119120	0.37	0.36	NO	NO		
	Gene.119508:c46281_g1_i1_VG_Eu_ru_204:g.119508:m.119508	0.45	0.38	NO	NO		
	Gene.90955:c18847_g1_i1_VG_Eu_ru_204:g.90955:m.90955	0.58	0.63	NO	NO		
	Gene.110118:c37831_g1_i1_VG_Eu_ru_204:g.110118:m.110118	0.42	0.36	NO	NO		
	Gene.80835:c9730_g1_i1_VG_Eu_ru_204:g.80835:m.80835	0.59	0.70	YES	NO		
	Gene.4906:c1491_g1_i1_VG_Eu_ru_204:g.4906:m.4906	0.43	0.34	NO	NO		
	Gene.97893:c25621_g1_i1_VG_Eu_ru_204:g.97893:m.97893	0.39	0.14	NO	NO		
	Gene.106149:c33652_g1_i1_VG_Eu_ru_204:g.106149:m.106149	0.37	0.39	NO	NO		
	Gene.112466:c39454_g1_i1_VG_Eu_ru_204:g.112466:m.112466	0.38	0.30	NO	NO		
	Gene.118149:c45319_g1_i1_VG_Eu_ru_204:g.118149:m.118149	0.38	0.53	NO	NO		
	Gene.83346:c11587_g1_i1_VG_Eu_ru_204:g.83346:m.83346	0.51	0.74	NO	NO		
	Gene.89857:c17967_g1_i1_VG_Eu_ru_204:g.89857:m.89857	0.30	0.31	NO	NO		
	Gene.88075:c16885_g1_i1_VG_Eu_ru_204:g.88075:m.88075	0.32	0.24	YES	NO		
	Gene.92612:c20616_g1_i1_VG_Eu_ru_204:g.92612:m.92612	0.27	0.17	NO	NO		
	Gene.105420:c32922_g1_i1_VG_Eu_ru_204:g.105420:m.105420	0.40	0.46	NO	NO		
	Gene.115371:c42909_g1_i1_VG_Eu_ru_204:g.115371:m.115371	0.51	0.78	NO	NO		
	Gene.90498:c18481_g1_i1_VG_Eu_ru_204:g.90498:m.90498	0.39	0.63	NO	NO		
	Gene.98314:c25968_g1_i1_VG_Eu_ru_204:g.98314:m.98314	0.38	0.35	NO	NO		
	Gene.99154:c26826_g1_i1_VG_Eu_ru_204:g.99154:m.99154	0.39	0.50	NO	NO		
	Gene.79262:c9007_g1_i1_VG_Eu_ru_204:g.79262:m.79262	0.32	0.26	NO	NO		
	Gene.79951:c9290_g1_i1_VG_Eu_ru_204:g.79951:m.79951	0.28	0.20	NO	NO		
	Gene.98580:c26233_g1_i1_VG_Eu_ru_204:g.98580:m.98580	0.26	0.28	NO	NO		
	Gene.99752:c27498_g1_i1_VG_Eu_ru_204:g.99752:m.99752	0.39	1.01	NO	NO		
	Gene.100661:c28715_g1_i1_VG_Eu_ru_204:g.100661:m.100661	0.44	1.33	NO	NO		
	Gene.113587:c40598_g1_i1_VG_Eu_ru_204:g.113587:m.113587	0.29	0.17	NO	NO		
	Gene.90273:c18318_g1_i1_VG_Eu_ru_204:g.90273:m.90273	0.33	0.63	YES	NO		
	Gene.98592:c26240_g1_i1_VG_Eu_ru_204:g.98592:m.98592	0.39	0.17	NO	NO		
	Gene.108846:c37266_g1_i1_VG_Eu_ru_204:g.108846:m.108846	0.26	0.23	NO	NO		
	Gene.83811:c12031_g1_i1_VG_Eu_ru_204:g.83811:m.83811	0.38	0.83	NO	NO		
	Gene.93713:c22047_g1_i1_VG_Eu_ru_204:g.93713:m.93713	0.36	0.37	NO	NO		
	Gene.93820:c22204_g1_i1_VG_Eu_ru_204:g.93820:m.93820	0.29	0.35	NO	NO		
	Gene.115224:c42673_g1_i1_VG_Eu_ru_204:g.115224:m.115224	0.30	0.24	NO	NO		
	Gene.122052:c48780_g1_i1_VG_Eu_ru_204:g.122052:m.122052	0.36	0.87	NO	NO		
	Gene.100064:c27883_g1_i1_VG_Eu_ru_204:g.100064:m.100064	0.34	0.39	NO	NO		
	Gene.104965:c32493_g1_i1_VG_Eu_ru_204:g.104965:m.104965	0.44	1.14	NO	NO		
	Gene.106248:c33768_g1_i1_VG_Eu_ru_204:g.106248:m.106248	0.48	0.97	NO	NO		
	Gene.4917:c1501_g1_i1_VG_Eu_ru_204:g.4917:m.4917	0.31	0.00	NO	NO		
	Gene.12065:c3602_g1_i1_VG_Eu_ru_204:g.12065:m.12065	0.46	0.00	NO	NO		
	Gene.111517:c38723_g1_i1_VG_Eu_ru_204:g.111517:m.111517	0.32	0.32	NO	NO		
	Gene.81702:c10281_g1_i1_VG_Eu_ru_204:g.81702:m.81702	0.23	0.00	NO	NO		
	Gene.84415:c12712_g1_i1_VG_Eu_ru_204:g.84415:m.84415	0.25	0.00	NO	NO		
	Gene.92196:c20095_g1_i1_VG_Eu_ru_204:g.92196:m.92196	0.34	0.35	NO	NO		
	Gene.93027:c21130_g1_i1_VG_Eu_ru_204:g.93027:m.93027	0.24	0.30	NO	NO		
	Gene.115276:c42765_g1_i1_VG_Eu_ru_204:g.115276:m.115276	0.29	0.46	NO	NO		
	Gene.89771:c17902_g1_i1_VG_Eu_ru_204:g.89771:m.89771	0.32	0.40	NO	NO		
	Gene.91170:c19038_g1_i1_VG_Eu_ru_204:g.91170:m.91170	0.32	0.00	NO	NO		
	Gene.100118:c27964_g1_i1_VG_Eu_ru_204:g.100118:m.100118	0.27	0.52	NO	NO		
	Gene.103867:c31621_g1_i1_VG_Eu_ru_204:g.103867:m.103867	0.28	0.59	NO	NO		
	Gene.104508:c32119_g1_i1_VG_Eu_ru_204:g.104508:m.104508	0.26	0.24	NO	NO		
	Gene.107848:c35700_g1_i1_VG_Eu_ru_204:g.107848:m.107848	0.20	0.13	NO	NO		
	Gene.108303:c36479_g1_i1_VG_Eu_ru_204:g.108303:m.108303	0.29	0.32	NO	NO		
	Gene.113063:c40049_g1_i1_VG_Eu_ru_204:g.113063:m.113063	0.27	0.27	NO	NO		
	Gene.113083:c40092_g1_i1_VG_Eu_ru_204:g.113083:m.113083	0.30	0.70	NO	NO		
	Gene.121517:c48164_g1_i1_VG_Eu_ru_204:g.121517:m.121517	0.35	0.51	NO	NO		
	Gene.122264:c49045_g1_i1_VG_Eu_ru_204:g.122264:m.122264	0.37	1.19	NO	NO		
	Gene.122714:c49647_g1_i1_VG_Eu_ru_204:g.122714:m.122714	0.25	0.21	NO	NO		
	Gene.86260:c15144_g1_i1_VG_Eu_ru_204:g.86260:m.86260	0.17	0.25	NO	NO		
	Gene.105349:c32844_g1_i1_VG_Eu_ru_204:g.105349:m.105349	0.26	1.09	NO	NO		
	Gene.113079:c40080_g1_i1_VG_Eu_ru_204:g.113079:m.113079	0.21	0.20	NO	NO		
	Gene.85964:c14669_g1_i1_VG_Eu_ru_204:g.85964:m.85964	0.23	0.44	NO	NO		
	Gene.92483:c20456_g1_i1_VG_Eu_ru_204:g.92483:m.92483	0.25	1.62	NO	NO		
	Gene.97936:c25646_g1_i1_VG_Eu_ru_204:g.97936:m.97936	0.28	1.50	NO	NO		
	Gene.106440:c33973_g1_i1_VG_Eu_ru_204:g.106440:m.106440	0.29	0.79	NO	NO		
	Gene.115020:c42353_g1_i1_VG_Eu_ru_204:g.115020:m.115020	0.20	0.31	NO	NO		
	Gene.80798:c9709_g1_i1_VG_Eu_ru_204:g.80798:m.80798	0.25	0.51	NO	NO		
	Gene.85064:c13513_g1_i1_VG_Eu_ru_204:g.85064:m.85064	0.20	0.00	NO	NO		
	Gene.85836:c14473_g1_i1_VG_Eu_ru_204:g.85836:m.85836	0.22	0.00	NO	NO		
	Gene.86097:c14848_g1_i1_VG_Eu_ru_204:g.86097:m.86097	0.18	0.79	NO	NO		
	Gene.88059:c16878_g1_i1_VG_Eu_ru_204:g.88059:m.88059	0.18	0.38	NO	NO		
	Gene.102148:c30598_g1_i1_VG_Eu_ru_204:g.102148:m.102148	0.20	0.00	NO	NO		
	Gene.107798:c35638_g1_i1_VG_Eu_ru_204:g.107798:m.107798	0.25	0.95	NO	NO		
	Gene.113118:c40129_g1_i1_VG_Eu_ru_204:g.113118:m.113118	0.26	2.03	NO	NO		
	Gene.115964:c43820_g1_i1_VG_Eu_ru_204:g.115964:m.115964	0.24	0.00	NO	NO		
	Gene.116186:c44277_g1_i1_VG_Eu_ru_204:g.116186:m.116186	0.27	2.29	NO	NO		
	Gene.116858:c44665_g1_i1_VG_Eu_ru_204:g.116858:m.116858	0.19	0.44	NO	NO		
	Gene.121410:c48038_g1_i1_VG_Eu_ru_204:g.121410:m.121410	0.21	0.63	NO	NO		
	Gene.121782:c48493_g1_i1_VG_Eu_ru_204:g.121782:m.121782	0.20	0.00	NO	NO		
	Gene.93440:c21650_g1_i1_VG_Eu_ru_204:g.93440:m.93440	0.15	1.70	NO	NO		
	Gene.97210:c25004_g1_i1_VG_Eu_ru_204:g.97210:m.97210	0.18	0.00	NO	NO		
	Gene.113377:c40386_g1_i1_VG_Eu_ru_204:g.113377:m.113377	0.20	2.29	NO	NO		
	Gene.114168:c41277_g1_i1_VG_Eu_ru_204:g.114168:m.114168	0.17	2.25	NO	NO		
	Gene.115061:c42420_g1_i1_VG_Eu_ru_204:g.115061:m.115061	0.16	1.19	NO	NO		
	Gene.87674:c16683_g1_i1_VG_Eu_ru_204:g.87674:m.87674	0.12	0.90	NO	NO		
	Gene.94707:c23471_g1_i1_VG_Eu_ru_204:g.94707:m.94707	0.13	0.00	NO	NO		
	Gene.35819:c6645_g2_i2_VG_Eu_ru_204:g.35819:m.35819	0.00	0.00	NO	NO		
Phospholipase A2	Gene.4975:c1525_g1_i1_VG_Eu_ru_204:g.4975:m.4975	924.34	606.83	YES	NO		
	Gene.22840:c5296_g1_i3_VG_Eu_ru_204:g.22840:m.22840	31.24	12.60	NO	NO		
	Gene.22838:c5296_g1_i2_VG_Eu_ru_204:g.22838:m.22838	36.72	15.71	NO	NO		
	Gene.45279:c7390_g1_i1_VG_Eu_ru_204:g.45279:m.45279	4.10	2.38	YES	NO		
	Gene.16727:c4387_g1_i1_VG_Eu_ru_204:g.16727:m.16727	4.87	1.58	NO	NO		
	Gene.16731:c4387_g1_i2_VG_Eu_ru_204:g.16731:m.16731	4.87	1.58	NO	NO		
	Gene.31394:c6262_g1_i1_VG_Eu_ru_204:g.31394:m.31394	4.21	2.58	NO	NO		
	Gene.82786:c11093_g1_i1_VG_Eu_ru_204:g.82786:m.82786	0.26	0.00	NO	NO		
Pimplin	Gene.59797:c8273_g2_i1_VG_Eu_ru_204:g.59797:m.59797	17670.95	13270.00	NO	NO	excluded	
	Gene.59801:c8273_g2_i2_VG_Eu_ru_204:g.59801:m.59801	16121.13	8559.65	NO	NO	excluded	
	Gene.15272:c4180_g1_i1_VG_Eu_ru_204:g.15272:m.15272	1.60	0.52	NO	NO	excluded	
	Gene.15289:c4180_g1_i3_VG_Eu_ru_204:g.15289:m.15289	1.60	0.52	NO	NO	excluded	
	Gene.4686:c1390_g1_i1_VG_Eu_ru_204:g.4686:m.4686	0.29	0.22	NO	NO		
Serpin	Gene.17422:c4479_g2_i1_VG_Eu_ru_204:g.17422:m.17422	9620.39	5305.42	YES	NO		
	Gene.62059:c8395_g1_i2_VG_Eu_ru_204:g.62059:m.62059	165.54	85.83	YES	NO		
	Gene.44484:c7332_g1_i1_VG_Eu_ru_204:g.44484:m.44484	87.61	33.91	YES	NO		
	Gene.44486:c7332_g1_i2_VG_Eu_ru_204:g.44486:m.44486	87.16	16.35	YES	NO		

	Gene.62065::c8395_g1_i3_VG_Eu_ru_204::g.62065:m.62065	75.13	10.86	NO	NO	
	Gene.17425::c4479_g3_i1_VG_Eu_ru_204::g.17425:m.17425	72.52	51.85	NO	NO	
	Gene.109053::c37347_g1_i1_VG_Eu_ru_204::g.109053:m.109053	30.36	16.49	NO	NO	
	Gene.62056::c8395_g1_i1_VG_Eu_ru_204::g.62056:m.62056	28.55	14.21	NO	NO	
	Gene.82466::c10855_g1_i1_VG_Eu_ru_204::g.82466:m.82466	13.02	7.66	YES	NO	
	Gene.12721::c3734_g1_i1_VG_Eu_ru_204::g.12721:m.12721	12.45	7.10	YES	NO	
	Gene.82659::c11006_g1_i1_VG_Eu_ru_204::g.82659:m.82659	9.47	5.06	YES	NO	
	Gene.54137::c7959_g1_i1_VG_Eu_ru_204::g.54137:m.54137	5.92	1.44	YES	NO	
	Gene.54143::c7959_g1_i2_VG_Eu_ru_204::g.54143:m.54143	5.92	1.44	YES	NO	
	Gene.51961::c7834_g1_i1_VG_Eu_ru_204::g.51961:m.51961	2.89	0.78	YES	NO	
	Gene.51972::c7834_g1_i3_VG_Eu_ru_204::g.51972:m.51972	2.89	0.78	YES	NO	
	Gene.14956::c4122_g1_i1_VG_Eu_ru_204::g.14956:m.14956	3.79	2.23	YES	NO	
	Gene.51966::c7834_g1_i2_VG_Eu_ru_204::g.51966:m.51966	2.60	0.00	YES	NO	
	Gene.35548::c6620_g1_i1_VG_Eu_ru_204::g.35548:m.35548	13.52	83.52	NO	NO	
	Gene.51967::c7834_g1_i2_VG_Eu_ru_204::g.51967:m.51967	2.92	0.03	NO	NO	
	Gene.11367::c3418_g2_i1_VG_Eu_ru_204::g.11367:m.11367	3.17	2.77	NO	NO	
	Gene.11362::c3418_g1_i1_VG_Eu_ru_204::g.11362:m.11362	3.17	1.96	NO	NO	
	Gene.119789::c46500_g1_i1_VG_Eu_ru_204::g.119789:m.119789	7.90	17.23	NO	NO	
	Gene.81245::c9973_g1_i1_VG_Eu_ru_204::g.81245:m.81245	0.92	0.53	NO	NO	
	Gene.6934::c2033_g1_i1_VG_Eu_ru_204::g.6934:m.6934	0.60	0.23	NO	NO	
	Gene.98401::c26057_g1_i1_VG_Eu_ru_204::g.98401:m.98401	2.66	4.82	NO	NO	
	Gene.111600::c38764_g1_i1_VG_Eu_ru_204::g.111600:m.111600	0.61	0.54	NO	NO	
	Gene.108702::c37214_g1_i1_VG_Eu_ru_204::g.108702:m.108702	0.49	0.30	NO	NO	
	Gene.109935::c37708_g1_i1_VG_Eu_ru_204::g.109935:m.109935	1.71	6.30	NO	NO	
	Gene.12838::c3751_g1_i1_VG_Eu_ru_204::g.12838:m.12838	1.23	7.36	NO	NO	
	Gene.7857::c2369_g1_i1_VG_Eu_ru_204::g.7857:m.7857	1.20	8.32	NO	NO	
	Gene.13774::c3940_g1_i1_VG_Eu_ru_204::g.13774:m.13774	1.25	9.93	NO	NO	
	Gene.117269::c44879_g1_i1_VG_Eu_ru_204::g.117269:m.117269	0.40	0.10	NO	NO	
	Gene.105075::c32584_g1_i1_VG_Eu_ru_204::g.105075:m.105075	0.38	1.02	NO	NO	
	Gene.5258::c1627_g1_i1_VG_Eu_ru_204::g.5258:m.5258	0.60	2.65	NO	NO	
	Gene.85457::c14004_g1_i1_VG_Eu_ru_204::g.85457:m.85457	0.40	1.53	NO	NO	
	Gene.96615::c24587_g1_i1_VG_Eu_ru_204::g.96615:m.96615	0.25	0.00	NO	NO	
	Gene.101193::c29545_g1_i1_VG_Eu_ru_204::g.101193:m.101193	0.25	1.53	NO	NO	
	Gene.112639::c39631_g1_i1_VG_Eu_ru_204::g.112639:m.112639	0.16	0.31	NO	NO	
	Gene.114211::c41331_g1_i1_VG_Eu_ru_204::g.114211:m.114211	0.23	0.79	NO	NO	
Sphingomyelinase	Gene.28959::c6029_g1_i1_VG_Eu_ru_204::g.28959:m.28959	2.03	1.18	YES	NO	
	Gene.28975::c6029_g1_i2_VG_Eu_ru_204::g.28975:m.28975	2.02	0.00	YES	NO	
	Gene.14951::c4121_g1_i2_VG_Eu_ru_204::g.14951:m.14951	2.97	1.69	YES	NO	
	Gene.14947::c4121_g1_i1_VG_Eu_ru_204::g.14947:m.14947	2.34	0.00	YES	NO	
	Gene.119599::c46351_g1_i1_VG_Eu_ru_204::g.119599:m.119599	0.75	0.52	NO	NO	
	Gene.80852::c9741_g1_i1_VG_Eu_ru_204::g.80852:m.80852	0.86	0.38	NO	NO	
SVWC-domain 1 (Asilidin8)	Gene.4808::c1438_g1_i1_VG_Eu_ru_204::g.4808:m.4808	1443.99	1093.16	NO	YES	U-Asilidin8-Eru1a
	Gene.3809::c1109_g1_i2_VG_Eu_ru_204::g.3809:m.3809	3.85	4.20	YES	NO	
	Gene.99960::c27749_g1_i1_VG_Eu_ru_204::g.99960:m.99960	3.62	4.28	YES	NO	
SVWC-domain 2 (Asilidin9)	Gene.34546::c6542_g1_i1_VG_Eu_ru_204::g.34546:m.34546	781.60	529.17	NO	YES	U-Asilidin9-Eru1a
	Gene.34549::c6542_g1_i2_VG_Eu_ru_204::g.34549:m.34549	532.03	106.81	YES	NO	
	Gene.103013::c31070_g1_i1_VG_Eu_ru_204::g.103013:m.103013	1.40	1.23	NO	NO	
Venom acid phosphatase-like	Gene.61465::c8353_g2_i1_VG_Eu_ru_204::g.61465:m.61465	2379.59	1386.51	YES	NO	
	Gene.61466::c8353_g2_i1_VG_Eu_ru_204::g.61466:m.61466	59.30	45.27	NO	NO	
	Gene.15759::c4249_g1_i1_VG_Eu_ru_204::g.15759:m.15759	9.95	5.32	NO	NO	
	Gene.61467::c8353_g2_i1_VG_Eu_ru_204::g.61467:m.61467	21.32	17.96	NO	NO	
	Gene.109467::c37501_g1_i1_VG_Eu_ru_204::g.109467:m.109467	6.23	3.67	NO	NO	
	Gene.58545::c8208_g1_i2_VG_Eu_ru_204::g.58545:m.58545	4.64	2.48	NO	NO	
	Gene.58536::c8208_g1_i1_VG_Eu_ru_204::g.58536:m.58536	4.05	0.08	NO	NO	