

Protein Class	Contig ID	TPM - Segemehl	TPM - Kallisto	Signal Peptide	false positive
Aegyptin	no hit	0	0	X	
Alpha-amylase	Gene.160538::c53848_BT_Eu_ru_202_g1_i1::g.160538::m.160538	28.06	15.70	NO	
Anophelin	no hit	0	0	X	
Apyrase	Gene.25975::c5296_BT_Eu_ru_202_g1_i1::g.25975::m.25975 Gene.21888::c4723_BT_Eu_ru_202_g1_i1::g.21888::m.21888 Gene.8970::c2180_BT_Eu_ru_202_g1_i2::g.8970::m.8970 Gene.8964::c2180_BT_Eu_ru_202_g1_i1::g.8964::m.8964 Gene.37803::c6641_BT_Eu_ru_202_g1_i1::g.37803::m.37803 Gene.7814::c1896_BT_Eu_ru_202_g1_i1::g.7814::m.7814 Gene.118845::c12003_BT_Eu_ru_202_g1_i1::g.118845::m.118845	34.75 5.87 4.11 4.26 1.80 1.59 1.16	18.79 2.99 2.65 0.00 0.85 2.22 0.83	YES YES NO NO NO NO NO	only body tissue only body tissue only body tissue only body tissue only body tissue only body tissue only body tissue
CAP	Gene.142078::c36088_BT_Eu_ru_202_g1_i1::g.142078::m.142078 Gene.29010::c5715_BT_Eu_ru_202_g1_i1::g.29010::m.29010 Gene.68277::c8738_BT_Eu_ru_202_g1_i1::g.68277::m.68277 Gene.68281::c8738_BT_Eu_ru_202_g1_i2::g.68281::m.68281 Gene.24328::c5068_BT_Eu_ru_202_g1_i1::g.24328::m.24328 Gene.86439::c9557_BT_Eu_ru_202_g1_i2::g.86439::m.86439 Gene.86434::c9557_BT_Eu_ru_202_g1_i1::g.86434::m.86434 Gene.86446::c9557_BT_Eu_ru_202_g1_i3::g.86446::m.86446 Gene.86452::c9557_BT_Eu_ru_202_g1_i4::g.86452::m.86452 Gene.17713::c4168_BT_Eu_ru_202_g1_i1::g.17713::m.17713 Gene.51425::c7670_BT_Eu_ru_202_g1_i1::g.51425::m.51425 Gene.61359::c8312_BT_Eu_ru_202_g1_i2::g.61359::m.61359 Gene.14160::c3373_BT_Eu_ru_202_g1_i1::g.14160::m.14160 Gene.164007::c55725_BT_Eu_ru_202_g1_i1::g.164007::m.164007 Gene.24682::c5122_BT_Eu_ru_202_g1_i3::g.24682::m.24682 Gene.41734::c6971_BT_Eu_ru_202_g1_i2::g.41734::m.41734 Gene.24677::c5122_BT_Eu_ru_202_g1_i2::g.24677::m.24677 Gene.41731::c6971_BT_Eu_ru_202_g1_i1::g.41731::m.41731 Gene.51430::c7670_BT_Eu_ru_202_g2_i1::g.51430::m.51430 Gene.61362::c8312_BT_Eu_ru_202_g1_i3::g.61362::m.61362 Gene.5269::c1271_BT_Eu_ru_202_g1_i1::g.5269::m.5269 Gene.16488::c3975_BT_Eu_ru_202_g1_i1::g.16488::m.16488 Gene.1341::c294_BT_Eu_ru_202_g1_i1::g.1341::m.1341 Gene.6394::c1542_BT_Eu_ru_202_g1_i1::g.6394::m.6394 Gene.144484::c37151_BT_Eu_ru_202_g1_i1::g.144484::m.144484 Gene.18178::c4228_BT_Eu_ru_202_g1_i2::g.18178::m.18178 Gene.137298::c30369_BT_Eu_ru_202_g1_i1::g.137298::m.137298 Gene.6399::c1542_BT_Eu_ru_202_g1_i2::g.6399::m.6399 Gene.155148::c47202_BT_Eu_ru_202_g1_i1::g.155148::m.155148 Gene.131222::c24156_BT_Eu_ru_202_g1_i1::g.131222::m.131222	123.82 46.38 25.28 21.70 30.38 15.79 18.66 18.66 18.66 6.77 11.23 10.63 6.16 24.83 8.57 9.37 9.31 9.87 5.34 9.39 4.31 3.86 20.87 3.38 3.35 1.79 1.59 2.78 1.21 4.52	99.62 30.19 14.40 2.98 23.13 8.95 2.72 2.72 2.72 4.15 7.79 8.17 4.72 20.83 3.22 4.10 4.87 6.39 3.82 2.50 3.27 3.01 82.26 1.99 2.71 1.37 1.05 1.30 0.82 8.29	NO YES YES YES YES YES NO NO NO NO YES NO NO NO NO NO NO NO YES YES YES YES YES NO NO NO NO NO NO NO NO	
Chitinase	Gene.160944::c53991_BT_Eu_ru_202_g1_i1::g.160944::m.160944 Gene.239::c49_BT_Eu_ru_202_g1_i1::g.239::m.239 Gene.11803::c2822_BT_Eu_ru_202_g1_i1::g.11803::m.11803 Gene.11820::c2822_BT_Eu_ru_202_g1_i2::g.11820::m.11820 Gene.34358::c6288_BT_Eu_ru_202_g1_i3::g.34358::m.34358 Gene.34337::c6288_BT_Eu_ru_202_g1_i1::g.34337::m.34337 Gene.34347::c6288_BT_Eu_ru_202_g1_i2::g.34347::m.34347 Gene.36885::c6543_BT_Eu_ru_202_g1_i1::g.36885::m.36885 Gene.97115::c9977_BT_Eu_ru_202_g2_i2::g.97115::m.97115 Gene.97106::c9977_BT_Eu_ru_202_g2_i1::g.97106::m.97106 Gene.42077::c7007_BT_Eu_ru_202_g1_i1::g.42077::m.42077 Gene.54349::c7879_BT_Eu_ru_202_g1_i1::g.54349::m.54349 Gene.20380::c4520_BT_Eu_ru_202_g1_i1::g.20380::m.20380 Gene.20387::c4520_BT_Eu_ru_202_g1_i2::g.20387::m.20387 Gene.97101::c9977_BT_Eu_ru_202_g1_i1::g.97101::m.97101 Gene.137357::c30413_BT_Eu_ru_202_g1_i1::g.137357::m.137357 Gene.142979::c36402_BT_Eu_ru_202_g1_i1::g.142979::m.142979 Gene.121828::c14411_BT_Eu_ru_202_g1_i1::g.121828::m.121828 Gene.143585::c36683_BT_Eu_ru_202_g1_i1::g.143585::m.143585 Gene.120961::c13578_BT_Eu_ru_202_g1_i1::g.120961::m.120961 Gene.121952::c14548_BT_Eu_ru_202_g1_i1::g.121952::m.121952 Gene.124223::c17424_BT_Eu_ru_202_g1_i1::g.124223::m.124223 Gene.150616::c43630_BT_Eu_ru_202_g1_i1::g.150616::m.150616 Gene.128806::c21766_BT_Eu_ru_202_g1_i1::g.128806::m.128806 Gene.125377::c19352_BT_Eu_ru_202_g1_i1::g.125377::m.125377 Gene.167864::c59991_BT_Eu_ru_202_g1_i1::g.167864::m.167864	697.10 297.69 46.20 46.20 43.27 44.71 44.71 37.34 8.17 6.02 13.63 8.19 1.97 2.40 4.02 1.94 1.49 1.31 0.83 1.14 0.70 0.76 0.49 0.70 0.43 0.26	429.41 167.80 13.56 13.56 25.37 0.65 0.65 24.06 4.05 0.91 8.11 5.39 1.06 1.06 2.86 1.07 0.67 0.95 0.94 3.92 1.22 0.82 1.15 0.00 0.00 1.99	NO YES YES YES NO NO YES YES NO NO YES NO NO NO YES NO NO NO NO NO NO NO NO NO NO NO NO	
Conoposin-like	no hit	0	0	X	
Csalpha/beta defensin	Gene.7845::c1908_BT_Eu_ru_202_g1_i1::g.7845::m.7845 Gene.23018::c4863_BT_Eu_ru_202_g1_i1::g.23018::m.23018 Gene.23019::c4863_BT_Eu_ru_202_g1_i1::g.23019::m.23019 Gene.165312::c56906_BT_Eu_ru_202_g1_i1::g.165312::m.165312 Gene.128161::c21304_BT_Eu_ru_202_g1_i1::g.128161::m.128161 Gene.129389::c22261_BT_Eu_ru_202_g1_i1::g.129389::m.129389 Gene.121567::c14148_BT_Eu_ru_202_g1_i1::g.121567::m.121567	1890.74 97.37 10.13 9.13 1.63 1.03 0.84	4577.47 138.40 13.59 12.16 3.04 1.90 2.45	YES YES YES NO NO NO NO	
Cystatin	no hit	0	0	X	
dICK's	Gene.20180::c4485_BT_Eu_ru_202_g1_i2::g.20180::m.20180	46.08	40.85	YES	
Disintegrin-like	no hit	0	0	X	
Echotoxin-like	no hit	0	0	X	
Gigantoxin-like	no hit	0	0	X	
Hyaluronidase	Gene.87474::c9599_BT_Eu_ru_202_g1_i1::g.87474::m.87474 Gene.132022::c25143_BT_Eu_ru_202_g1_i1::g.132022::m.132022	5.49 1.41	3.11 1.87	NO NO	
ICK's (Asiliidin1)	Gene.161697::c54329_BT_Eu_ru_202_g1_i1::g.161697::m.161697 Gene.21715::c4697_BT_Eu_ru_202_g1_i1::g.21715::m.21715 Gene.93542::c9829_BT_Eu_ru_202_g1_i1::g.93542::m.93542	2444.80 1264.43 283.54	1424.27 4732.57 561.23	NO YES YES	

	Gene.152240::c45535_BT_Eu_ru_202_g1_i1::g.152240::m.152240	224.96	360.66	NO	
	Gene.39881::c6812_BT_Eu_ru_202_g1_i2::g.39881::m.39881	121.48	187.70	YES	
	Gene.20180::c4485_BT_Eu_ru_202_g1_i2::g.20180::m.20180	46.08	40.85	YES	
	Gene.39880::c6812_BT_Eu_ru_202_g1_i1::g.39880::m.39880	107.00	153.16	YES	
	Gene.1638::c383_BT_Eu_ru_202_g1_i1::g.1638::m.1638	41.46	74.42	YES	
	Gene.122087::c14689_BT_Eu_ru_202_g1_i1::g.122087::m.122087	36.06	60.63	NO	
	Gene.24204::c5054_BT_Eu_ru_202_g1_i1::g.24204::m.24204	31.67	74.15	YES	
	Gene.105934::c10281_BT_Eu_ru_202_g1_i4::g.105934::m.105934	18.94	46.23	NO	
	Gene.131101::c24008_BT_Eu_ru_202_g1_i1::g.131101::m.131101	3.57	24.69	NO	
	Gene.145664::c37908_BT_Eu_ru_202_g1_i1::g.145664::m.145664	2.15	6.30	NO	
	Gene.133178::c26839_BT_Eu_ru_202_g1_i1::g.133178::m.133178	1.29	6.33	NO	
Kazal	Gene.18128::c4219_BT_Eu_ru_202_g1_i1::g.18128::m.18128	955.03	2059.49	YES	
	Gene.160344::c53759_BT_Eu_ru_202_g1_i1::g.160344::m.160344	151.82	151.40	NO	
	Gene.73660::c9012_BT_Eu_ru_202_g1_i1::g.73660::m.73660	25.55	14.73	NO	excluded
	Gene.60::c14_BT_Eu_ru_202_g1_i2::g.60::m.60	43.69	20.87	YES	excluded
	Gene.54::c14_BT_Eu_ru_202_g1_i1::g.54::m.54	42.02	6.10	YES	excluded
	Gene.38877::c6728_BT_Eu_ru_202_g2_i1::g.38877::m.38877	9.21	5.29	NO	excluded
	Gene.119989::c12764_BT_Eu_ru_202_g1_i1::g.119989::m.119989	65.89	134.17	NO	
	Gene.153754::c46278_BT_Eu_ru_202_g1_i1::g.153754::m.153754	4.44	2.64	NO	
	Gene.77851::c9219_BT_Eu_ru_202_g1_i3::g.77851::m.77851	2.92	1.01	NO	excluded
	Gene.104004::c10221_BT_Eu_ru_202_g1_i2::g.104004::m.104004	9.76	4.66	NO	
	Gene.104009::c10221_BT_Eu_ru_202_g1_i4::g.104009::m.104009	9.76	4.66	NO	
	Gene.77840::c9219_BT_Eu_ru_202_g1_i2::g.77840::m.77840	3.00	0.88	NO	excluded
	Gene.104007::c10221_BT_Eu_ru_202_g1_i3::g.104007::m.104007	8.58	2.85	NO	
	Gene.38488::c6702_BT_Eu_ru_202_g1_i1::g.38488::m.38488	4.06	2.14	NO	
	Gene.38494::c6702_BT_Eu_ru_202_g1_i2::g.38494::m.38494	3.64	0.68	NO	
	Gene.161553::c54262_BT_Eu_ru_202_g1_i1::g.161553::m.161553	1.33	1.12	NO	excluded
	Gene.51196::c7651_BT_Eu_ru_202_g1_i2::g.51196::m.51196	3.07	3.33	NO	excluded
	Gene.51194::c7651_BT_Eu_ru_202_g1_i1::g.51194::m.51194	3.21	0.00	YES	excluded
	Gene.142522::c36239_BT_Eu_ru_202_g1_i1::g.142522::m.142522	3.72	9.25	NO	
	Gene.119945::c12736_BT_Eu_ru_202_g1_i1::g.119945::m.119945	1.58	1.73	NO	
	Gene.21472::c4674_BT_Eu_ru_202_g1_i1::g.21472::m.21472	2.13	5.42	YES	
	Gene.121155::c13763_BT_Eu_ru_202_g1_i1::g.121155::m.121155	1.54	4.42	NO	
	Gene.131547::c24540_BT_Eu_ru_202_g1_i1::g.131547::m.131547	1.00	1.18	NO	
	Gene.134151::c28539_BT_Eu_ru_202_g1_i1::g.134151::m.134151	0.96	4.31	NO	
	Gene.132595::c25933_BT_Eu_ru_202_g1_i1::g.132595::m.132595	1.41	7.20	NO	
	Gene.149143::c41436_BT_Eu_ru_202_g1_i1::g.149143::m.149143	0.70	1.31	NO	
	Gene.166132::c57797_BT_Eu_ru_202_g1_i1::g.166132::m.166132	0.59	0.73	NO	
	Gene.124573::c17955_BT_Eu_ru_202_g1_i1::g.124573::m.124573	0.41	0.97	NO	
	Gene.130853::c23721_BT_Eu_ru_202_g1_i1::g.130853::m.130853	0.38	0.79	NO	
	Gene.150391::c43220_BT_Eu_ru_202_g1_i1::g.150391::m.150391	0.24	0.00	NO	
Kazal (vasotab-like)	Gene.27039::c5453_BT_Eu_ru_202_g1_i1::g.27039::m.27039	459.25	295.38	YES	
	Gene.27307::c5494_BT_Eu_ru_202_g1_i1::g.27307::m.27307	989.21	2483.01	YES	
	Gene.1621::c376_BT_Eu_ru_202_g1_i2::g.1621::m.1621	75.42	32.86	YES	excluded
	Gene.1608::c376_BT_Eu_ru_202_g1_i1::g.1608::m.1608	73.78	9.96	YES	excluded
	Gene.116928::c11046_BT_Eu_ru_202_g1_i1::g.116928::m.116928	268.79	221.45	NO	
	Gene.119724::c12575_BT_Eu_ru_202_g1_i1::g.119724::m.119724	258.96	464.41	NO	
	Gene.73991::c9035_BT_Eu_ru_202_g1_i1::g.73991::m.73991	105.07	80.74	YES	
	Gene.83158::c9419_BT_Eu_ru_202_g1_i1::g.83158::m.83158	19.53	3.93	YES	
	Gene.83168::c9419_BT_Eu_ru_202_g1_i3::g.83168::m.83168	17.10	5.88	YES	
	Gene.26194::c5324_BT_Eu_ru_202_g1_i1::g.26194::m.26194	20.40	18.32	NO	
	Gene.127974::c21185_BT_Eu_ru_202_g1_i1::g.127974::m.127974	30.61	73.03	NO	
	Gene.83162::c9419_BT_Eu_ru_202_g1_i2::g.83162::m.83162	19.50	6.46	NO	
	Gene.1339::c293_BT_Eu_ru_202_g1_i1::g.1339::m.1339	3.67	4.55	YES	
	Gene.119945::c12736_BT_Eu_ru_202_g1_i1::g.119945::m.119945	1.58	1.73	NO	
	Gene.131547::c24540_BT_Eu_ru_202_g1_i1::g.131547::m.131547	1.00	1.18	NO	
	Gene.27331::c5499_BT_Eu_ru_202_g2_i1::g.27331::m.27331	0.90	1.86	YES	
	Gene.138131::c31103_BT_Eu_ru_202_g1_i1::g.138131::m.138131	0.74	1.85	NO	
Kunitz	Gene.100222::c10088_BT_Eu_ru_202_g1_i1::g.100222::m.100222	62.67	35.18	NO	
	Gene.108787::c10380_BT_Eu_ru_202_g1_i1::g.108787::m.108787	16.83	8.72	NO	
	Gene.108822::c10380_BT_Eu_ru_202_g1_i2::g.108822::m.108822	15.78	0.43	NO	
	Gene.83719::c9444_BT_Eu_ru_202_g1_i2::g.83719::m.83719	23.11	12.70	NO	excluded
	Gene.83672::c9444_BT_Eu_ru_202_g1_i1::g.83672::m.83672	21.88	0.40	NO	excluded
	Gene.58792::c8135_BT_Eu_ru_202_g1_i3::g.58792::m.58792	19.81	10.23	NO	
	Gene.58781::c8135_BT_Eu_ru_202_g1_i2::g.58781::m.58781	19.66	0.00	NO	
	Gene.63943::c8462_BT_Eu_ru_202_g1_i3::g.63943::m.63943	4.51	2.18	NO	
	Gene.63891::c8462_BT_Eu_ru_202_g1_i1::g.63891::m.63891	4.38	0.25	NO	
	Gene.63918::c8462_BT_Eu_ru_202_g1_i2::g.63918::m.63918	4.46	0.00	NO	
	Gene.143192::c36491_BT_Eu_ru_202_g1_i1::g.143192::m.143192	56.97	85.46	NO	
	Gene.3414::c866_BT_Eu_ru_202_g1_i1::g.3414::m.3414	48.97	76.95	YES	
	Gene.145823::c38016_BT_Eu_ru_202_g1_i1::g.145823::m.145823	34.30	46.65	NO	
	Gene.18876::c4298_BT_Eu_ru_202_g1_i1::g.18876::m.18876	15.10	10.96	NO	
	Gene.156979::c48848_BT_Eu_ru_202_g1_i1::g.156979::m.156979	11.22	19.23	NO	
	Gene.126709::c20527_BT_Eu_ru_202_g1_i1::g.126709::m.126709	4.72	5.29	NO	
	Gene.7602::c1818_BT_Eu_ru_202_g1_i1::g.7602::m.7602	3.07	4.84	YES	
	Gene.152895::c45821_BT_Eu_ru_202_g1_i1::g.152895::m.152895	0.51	0.00	NO	
	Gene.140458::c33756_BT_Eu_ru_202_g1_i1::g.140458::m.140458	0.57	2.61	NO	
Lectin c-type	Gene.23041::c4869_BT_Eu_ru_202_g1_i1::g.23041::m.23041	430.71	303.27	YES	
	Gene.52516::c7754_BT_Eu_ru_202_g1_i3::g.52516::m.52516	26.32	13.84	YES	
	Gene.32805::c6140_BT_Eu_ru_202_g1_i1::g.32805::m.32805	12.07	4.75	NO	excluded
	Gene.32820::c6140_BT_Eu_ru_202_g1_i2::g.32820::m.32820	12.02	1.20	NO	excluded
	Gene.10507::c2495_BT_Eu_ru_202_g1_i1::g.10507::m.10507	25.83	22.96	YES	
	Gene.22191::c4762_BT_Eu_ru_202_g1_i1::g.22191::m.22191	7.74	3.65	NO	
	Gene.22194::c4762_BT_Eu_ru_202_g1_i2::g.22194::m.22194	7.72	1.05	NO	
	Gene.145637::c37888_BT_Eu_ru_202_g1_i1::g.145637::m.145637	21.38	17.12	NO	
	Gene.45117::c7223_BT_Eu_ru_202_g2_i1::g.45117::m.45117	7.03	3.94	NO	excluded
	Gene.15947::c3813_BT_Eu_ru_202_g1_i1::g.15947::m.15947	9.06	6.70	YES	
	Gene.15951::c3813_BT_Eu_ru_202_g1_i2::g.15951::m.15951	7.97	2.70	YES	
	Gene.127797::c21075_BT_Eu_ru_202_g1_i1::g.127797::m.127797	1.84	1.14	NO	
	Gene.22361::c4783_BT_Eu_ru_202_g1_i1::g.22361::m.22361	1.31	0.73	NO	excluded
	Gene.165742::c57351_BT_Eu_ru_202_g1_i1::g.165742::m.165742	1.34	0.77	NO	
Lipocalin calycins	Gene.17947::c4193_BT_Eu_ru_202_g1_i1::g.17947::m.17947	261.36	212.66	YES	
	Gene.10611::c2536_BT_Eu_ru_202_g1_i1::g.10611::m.10611	177.93	122.10	YES	
	Gene.143062::c36440_BT_Eu_ru_202_g1_i1::g.143062::m.143062	11.78	10.54	NO	
	Gene.1206::c260_BT_Eu_ru_202_g1_i1::g.1206::m.1206	1.75	1.68	YES	
	Gene.127831::c21094_BT_Eu_ru_202_g1_i1::g.127831::m.127831	1.55	1.08	NO	
Maxadilan-like	no hit	0	0	X	
MBF2-domain	Gene.36405::c6479_BT_Eu_ru_202_g1_i1::g.36405::m.36405	944.88	980.39	YES	
	Gene.153899::c46349_BT_Eu_ru_202_g1_i1::g.153899::m.153899	474.26	528.63	NO	

	Gene.134364::c28620_BT_Eu_ru_202_g1_i1::g.134364::m.134364	115.58	122.93	NO
	Gene.137891::c30881_BT_Eu_ru_202_g1_i1::g.137891::m.137891	61.64	54.13	NO
	Gene.127065::c20713_BT_Eu_ru_202_g1_i1::g.127065::m.127065	63.27	83.74	NO
	Gene.144921::c37410_BT_Eu_ru_202_g1_i1::g.144921::m.144921	33.10	49.49	NO
	Gene.155280::c47297_BT_Eu_ru_202_g1_i1::g.155280::m.155280	6.36	7.25	NO
Melittin-like	no hit	0	0	X
Natterin-like (Asilidin10)	Gene.31937::c6042_BT_Eu_ru_202_g1_i1::g.31937::m.31937	260.64	198.66	NO
	Gene.134183::c28558_BT_Eu_ru_202_g1_i1::g.134183::m.134183	116.57	80.13	NO
	Gene.48255::c7442_BT_Eu_ru_202_g1_i1::g.48255::m.48255	47.22	34.07	NO
	Gene.6341::c1532_BT_Eu_ru_202_g1_i2::g.6341::m.6341	22.58	5.83	NO
	Gene.6338::c1532_BT_Eu_ru_202_g1_i1::g.6338::m.6338	28.92	21.84	NO
	Gene.36870::c6540_BT_Eu_ru_202_g1_i2::g.36870::m.36870	3.13	2.83	NO
Neurokinin-like	no hit	0	0	X
Nitrophorin-like	no hit	0	0	X
Novel protein (Asilidin2)	Gene.11205::c2697_BT_Eu_ru_202_g1_i1::g.11205::m.11205	155.89	101.16	NO
	Gene.58349::c8110_BT_Eu_ru_202_g1_i1::g.58349::m.58349	111.60	77.43	YES
	Gene.50653::c7611_BT_Eu_ru_202_g1_i1::g.50653::m.50653	21.47	15.11	YES
	Gene.64818::c8521_BT_Eu_ru_202_g1_i1::g.64818::m.64818	18.57	11.77	YES
	Gene.11204::c2697_BT_Eu_ru_202_g1_i1::g.11204::m.11204	10.07	6.56	YES
	Gene.101340::c10126_BT_Eu_ru_202_g1_i1::g.101340::m.101340	9.51	6.09	NO
	Gene.106804::c10309_BT_Eu_ru_202_g1_i1::g.106804::m.106804	4.42	2.87	NO
	Gene.81563::c9358_BT_Eu_ru_202_g1_i1::g.81563::m.81563	5.49	3.02	YES
	Gene.127319::c20833_BT_Eu_ru_202_g1_i1::g.127319::m.127319	3.96	2.61	NO
	Gene.81448::c9352_BT_Eu_ru_202_g1_i1::g.81448::m.81448	3.38	2.15	YES
	Gene.81459::c9352_BT_Eu_ru_202_g3_i2::g.81459::m.81459	3.08	1.52	NO
	Gene.83601::c9439_BT_Eu_ru_202_g1_i2::g.83601::m.83601	2.99	2.03	YES
	Gene.83593::c9439_BT_Eu_ru_202_g1_i1::g.83593::m.83593	2.39	1.19	YES
	Gene.6366::c1537_BT_Eu_ru_202_g1_i1::g.6366::m.6366	1.57	0.83	NO
	Gene.128156::c21301_BT_Eu_ru_202_g1_i1::g.128156::m.128156	1.82	1.10	NO
Novel protein (Asilidin3)	Gene.141974::c36063_BT_Eu_ru_202_g1_i1::g.141974::m.141974	107.33	141.93	NO
	Gene.47305::c7377_BT_Eu_ru_202_g1_i1::g.47305::m.47305	8.46	7.37	YES
Novel protein (Asilidin4)	Gene.30032::c5847_BT_Eu_ru_202_g1_i1::g.30032::m.30032	2.58	5.68	YES
Novel protein (Asilidin5)	Gene.10676::c2552_BT_Eu_ru_202_g1_i1::g.10676::m.10676	1.56	1.32	NO
Novel protein (Asilidin6)	no hit	0	0	X
Novel protein (Asilidin7)	no hit	0	0	X
Peptidase M12	Gene.6965::c1644_BT_Eu_ru_202_g1_i1::g.6965::m.6965	399.30	269.12	YES
	Gene.99159::c10056_BT_Eu_ru_202_g1_i4::g.99159::m.99159	14.97	4.63	NO
	Gene.99111::c10056_BT_Eu_ru_202_g1_i1::g.99111::m.99111	14.46	1.83	NO
	Gene.100790::c10108_BT_Eu_ru_202_g1_i3::g.100790::m.100790	11.90	3.19	NO
	Gene.100773::c10108_BT_Eu_ru_202_g1_i2::g.100773::m.100773	12.13	3.42	NO
	Gene.92491::c9799_BT_Eu_ru_202_g1_i2::g.92491::m.92491	19.03	0.00	NO
	Gene.92552::c9799_BT_Eu_ru_202_g1_i8::g.92552::m.92552	19.03	0.00	NO
	Gene.92537::c9799_BT_Eu_ru_202_g1_i7::g.92537::m.92537	19.47	0.79	YES
	Gene.92564::c9799_BT_Eu_ru_202_g1_i9::g.92564::m.92564	18.64	1.58	NO
	Gene.54391::c7885_BT_Eu_ru_202_g1_i1::g.54391::m.54391	12.12	6.59	NO
	Gene.90464::c9714_BT_Eu_ru_202_g1_i1::g.90464::m.90464	53.79	27.97	NO
	Gene.92509::c9799_BT_Eu_ru_202_g1_i4::g.92509::m.92509	21.04	3.89	NO
	Gene.92576::c9799_BT_Eu_ru_202_g1_i10::g.92576::m.92576	21.36	0.00	NO
	Gene.99131::c10056_BT_Eu_ru_202_g1_i2::g.99131::m.99131	11.80	0.00	NO
	Gene.105558::c10269_BT_Eu_ru_202_g2_i1::g.105558::m.105558	11.79	6.39	NO
	Gene.100759::c10108_BT_Eu_ru_202_g1_i1::g.100759::m.100759	10.79	0.57	NO
	Gene.92525::c9799_BT_Eu_ru_202_g1_i6::g.92525::m.92525	18.93	2.16	NO
	Gene.92478::c9799_BT_Eu_ru_202_g1_i1::g.92478::m.92478	19.12	1.88	NO
	Gene.92502::c9799_BT_Eu_ru_202_g1_i3::g.92502::m.92502	19.12	1.88	NO
	Gene.92477::c9799_BT_Eu_ru_202_g1_i1::g.92477::m.92477	17.00	1.51	NO
	Gene.92524::c9799_BT_Eu_ru_202_g1_i6::g.92524::m.92524	17.85	3.92	NO
	Gene.90467::c9714_BT_Eu_ru_202_g1_i2::g.90467::m.90467	46.12	0.00	NO
	Gene.90469::c9714_BT_Eu_ru_202_g1_i3::g.90469::m.90469	46.12	0.00	NO
	Gene.90472::c9714_BT_Eu_ru_202_g1_i4::g.90472::m.90472	45.77	10.02	NO
	Gene.63553::c8441_BT_Eu_ru_202_g1_i5::g.63553::m.63553	6.08	0.21	NO
	Gene.49148::c7523_BT_Eu_ru_202_g1_i1::g.49148::m.49148	3.84	2.09	YES
	Gene.72647::c8958_BT_Eu_ru_202_g1_i1::g.72647::m.72647	5.10	2.72	YES
	Gene.85558::c9516_BT_Eu_ru_202_g1_i1::g.85558::m.85558	3.48	1.83	NO
	Gene.63496::c8441_BT_Eu_ru_202_g1_i1::g.63496::m.63496	4.99	0.80	NO
	Gene.63512::c8441_BT_Eu_ru_202_g1_i2::g.63512::m.63512	4.99	0.80	NO
	Gene.63529::c8441_BT_Eu_ru_202_g1_i3::g.63529::m.63529	4.99	0.80	NO
	Gene.32210::c6072_BT_Eu_ru_202_g1_i1::g.32210::m.32210	3.26	18.63	NO
	Gene.149978::c42610_BT_Eu_ru_202_g1_i1::g.149978::m.149978	0.47	0.79	NO
	Gene.166082::c57729_BT_Eu_ru_202_g1_i1::g.166082::m.166082	0.47	0.00	NO
	Gene.156932::c48814_BT_Eu_ru_202_g1_i1::g.156932::m.156932	0.56	2.40	NO
	Gene.140944::c34478_BT_Eu_ru_202_g1_i1::g.140944::m.140944	0.38	1.75	NO
Peptidase M13	Gene.86165::c9547_BT_Eu_ru_202_g1_i1::g.86165::m.86165	1731.75	995.14	NO
	Gene.86169::c9547_BT_Eu_ru_202_g2_i1::g.86169::m.86169	1035.26	980.11	YES
	Gene.108607::c10374_BT_Eu_ru_202_g1_i1::g.108607::m.108607	108.97	62.31	NO
	Gene.142273::c36158_BT_Eu_ru_202_g1_i1::g.142273::m.142273	80.02	43.98	NO
	Gene.143124::c36469_BT_Eu_ru_202_g1_i1::g.143124::m.143124	59.71	34.31	NO
	Gene.126367::c20418_BT_Eu_ru_202_g1_i1::g.126367::m.126367	50.95	31.26	NO
	Gene.112876::c10484_BT_Eu_ru_202_g1_i1::g.112876::m.112876	35.52	19.39	NO
	Gene.42633::c7061_BT_Eu_ru_202_g1_i1::g.42633::m.42633	52.95	31.67	NO
	Gene.57632::c8072_BT_Eu_ru_202_g1_i1::g.57632::m.57632	41.87	26.46	NO
	Gene.33434::c6200_BT_Eu_ru_202_g1_i2::g.33434::m.33434	22.36	10.11	NO
	Gene.33423::c6200_BT_Eu_ru_202_g1_i1::g.33423::m.33423	21.64	2.92	NO
	Gene.134741::c28778_BT_Eu_ru_202_g1_i1::g.134741::m.134741	19.82	11.19	NO
	Gene.112740::c10480_BT_Eu_ru_202_g1_i1::g.112740::m.112740	19.95	11.26	NO
	Gene.37736::c6634_BT_Eu_ru_202_g1_i1::g.37736::m.37736	18.98	11.17	YES
	Gene.87170::c9581_BT_Eu_ru_202_g1_i1::g.87170::m.87170	10.32	5.71	YES
	Gene.24389::c5080_BT_Eu_ru_202_g1_i1::g.24389::m.24389	8.59	2.32	NO
	Gene.24395::c5080_BT_Eu_ru_202_g1_i2::g.24395::m.24395	8.59	2.32	NO
	Gene.143229::c36510_BT_Eu_ru_202_g1_i1::g.143229::m.143229	9.66	5.99	NO

	Gene.22466:c4795_BT_Eu_ru_202_g1_i1:g.22466:m.22466	10.32	6.14	NO	
	Gene.151519:c45290_BT_Eu_ru_202_g1_i1:g.151519:m.151519	8.05	4.23	NO	
	Gene.16835:c4067_BT_Eu_ru_202_g1_i1:g.16835:m.16835	23.84	16.85	YES	
	Gene.33309:c6191_BT_Eu_ru_202_g1_i1:g.33309:m.33309	5.67	3.29	YES	
	Gene.14379:c3421_BT_Eu_ru_202_g1_i1:g.14379:m.14379	6.52	3.92	NO	
	Gene.24087:c5037_BT_Eu_ru_202_g1_i1:g.24087:m.24087	5.40	3.42	YES	
	Gene.109792:c10403_BT_Eu_ru_202_g1_i1:g.109792:m.109792	4.05	2.47	NO	
	Gene.112741:c10480_BT_Eu_ru_202_g1_i1:g.112741:m.112741	22.64	26.56	NO	
	Gene.12313:c2910_BT_Eu_ru_202_g1_i2:g.12313:m.12313	3.10	1.68	YES	
	Gene.5006:c1201_BT_Eu_ru_202_g1_i1:g.5006:m.5006	2.59	1.53	NO	
	Gene.109798:c10403_BT_Eu_ru_202_g2_i1:g.109798:m.109798	2.88	1.44	NO	
	Gene.142066:c36082_BT_Eu_ru_202_g1_i1:g.142066:m.142066	2.71	1.70	NO	
	Gene.117255:c11176_BT_Eu_ru_202_g1_i1:g.117255:m.117255	2.38	1.53	NO	
	Gene.20868:c4591_BT_Eu_ru_202_g1_i1:g.20868:m.20868	1.90	1.17	NO	
	Gene.4552:c1057_BT_Eu_ru_202_g1_i1:g.4552:m.4552	5.23	3.53	NO	
	Gene.126531:c20465_BT_Eu_ru_202_g1_i1:g.126531:m.126531	1.92	0.99	NO	
	Gene.56303:c8008_BT_Eu_ru_202_g1_i1:g.56303:m.56303	2.45	1.58	NO	
	Gene.120000:c12771_BT_Eu_ru_202_g1_i1:g.120000:m.120000	2.47	1.62	NO	
	Gene.162148:c54544_BT_Eu_ru_202_g1_i1:g.162148:m.162148	1.90	1.41	NO	
	Gene.4553:c1057_BT_Eu_ru_202_g1_i1:g.4553:m.4553	4.09	3.97	NO	
	Gene.128951:c21889_BT_Eu_ru_202_g1_i1:g.128951:m.128951	2.61	1.98	NO	
	Gene.154511:c46721_BT_Eu_ru_202_g1_i1:g.154511:m.154511	1.71	0.93	NO	
	Gene.120001:c12771_BT_Eu_ru_202_g1_i1:g.120001:m.120001	3.49	3.93	NO	
	Gene.126010:c20265_BT_Eu_ru_202_g1_i1:g.126010:m.126010	1.41	0.91	NO	
	Gene.2037:c474_BT_Eu_ru_202_g1_i1:g.2037:m.2037	1.77	0.86	NO	
	Gene.126854:c20581_BT_Eu_ru_202_g1_i1:g.126854:m.126854	1.34	0.71	NO	
	Gene.109803:c10403_BT_Eu_ru_202_g1_i2:g.109803:m.109803	2.68	1.42	NO	
	Gene.117351:c11208_BT_Eu_ru_202_g1_i1:g.117351:m.117351	1.33	1.02	NO	
	Gene.109801:c10403_BT_Eu_ru_202_g2_i2:g.109801:m.109801	2.46	1.32	NO	
	Gene.117424:c11247_BT_Eu_ru_202_g1_i1:g.117424:m.117424	1.73	0.98	NO	
	Gene.127646:c20999_BT_Eu_ru_202_g1_i1:g.127646:m.127646	1.41	0.93	NO	
	Gene.67:c15_BT_Eu_ru_202_g1_i1:g.67:m.67	1.17	0.82	NO	
	Gene.147075:c39117_BT_Eu_ru_202_g1_i1:g.147075:m.147075	1.64	0.99	NO	
	Gene.162654:c54832_BT_Eu_ru_202_g1_i1:g.162654:m.162654	1.49	1.56	NO	
	Gene.4554:c1057_BT_Eu_ru_202_g1_i1:g.4554:m.4554	2.30	0.92	NO	
	Gene.163631:c55458_BT_Eu_ru_202_g1_i1:g.163631:m.163631	1.05	0.54	NO	
	Gene.141178:c34886_BT_Eu_ru_202_g1_i1:g.141178:m.141178	1.26	0.75	NO	
	Gene.5032:c1208_BT_Eu_ru_202_g1_i1:g.5032:m.5032	0.95	1.16	YES	
	Gene.116220:c10772_BT_Eu_ru_202_g1_i1:g.116220:m.116220	0.96	1.19	NO	
	Gene.138231:c31214_BT_Eu_ru_202_g1_i1:g.138231:m.138231	1.05	0.93	NO	
	Gene.136608:c29798_BT_Eu_ru_202_g1_i1:g.136608:m.136608	0.52	0.98	NO	
	Gene.147335:c39397_BT_Eu_ru_202_g1_i1:g.147335:m.147335	0.70	1.59	NO	
	Gene.120580:c13241_BT_Eu_ru_202_g1_i1:g.120580:m.120580	0.58	1.32	NO	
	Gene.122511:c15171_BT_Eu_ru_202_g1_i1:g.122511:m.122511	0.54	0.74	NO	
	Gene.129497:c22349_BT_Eu_ru_202_g1_i1:g.129497:m.129497	0.69	1.78	NO	
	Gene.133810:c28059_BT_Eu_ru_202_g1_i1:g.133810:m.133810	0.73	0.00	NO	
	Gene.135954:c29397_BT_Eu_ru_202_g1_i1:g.135954:m.135954	0.60	0.63	NO	
	Gene.147945:c40018_BT_Eu_ru_202_g1_i1:g.147945:m.147945	0.70	1.86	NO	
	Gene.131115:c24020_BT_Eu_ru_202_g1_i1:g.131115:m.131115	0.71	2.92	NO	
	Gene.132928:c26412_BT_Eu_ru_202_g1_i1:g.132928:m.132928	0.89	2.70	NO	
	Gene.141203:c34937_BT_Eu_ru_202_g1_i1:g.141203:m.141203	0.66	0.00	NO	
	Gene.123892:c16918_BT_Eu_ru_202_g1_i1:g.123892:m.123892	0.70	0.00	NO	
	Gene.131761:c24802_BT_Eu_ru_202_g1_i1:g.131761:m.131761	0.42	1.23	NO	
	Gene.141470:c35432_BT_Eu_ru_202_g1_i1:g.141470:m.141470	0.60	4.66	NO	
	Gene.160182:c53593_BT_Eu_ru_202_g1_i1:g.160182:m.160182	0.74	0.00	NO	
	Gene.145366:c37708_BT_Eu_ru_202_g1_i1:g.145366:m.145366	0.44	0.00	NO	
	Gene.147527:c39608_BT_Eu_ru_202_g1_i1:g.147527:m.147527	0.51	0.00	NO	
	Gene.132156:c25347_BT_Eu_ru_202_g1_i1:g.132156:m.132156	0.35	2.76	NO	
	Gene.166801:c58564_BT_Eu_ru_202_g1_i1:g.166801:m.166801	0.29	5.07	NO	
Peptidase M14	Gene.151432:c45264_BT_Eu_ru_202_g1_i1:g.151432:m.151432	801.42	484.53	NO	
	Gene.126185:c20337_BT_Eu_ru_202_g1_i1:g.126185:m.126185	338.25	194.62	NO	
	Gene.125932:c20241_BT_Eu_ru_202_g1_i1:g.125932:m.125932	125.57	75.55	NO	
	Gene.44827:c7204_BT_Eu_ru_202_g2_i2:g.44827:m.44827	29.52	0.39	YES	
	Gene.44817:c7204_BT_Eu_ru_202_g2_i1:g.44817:m.44817	28.24	11.72	YES	
	Gene.44835:c7204_BT_Eu_ru_202_g2_i3:g.44835:m.44835	29.58	1.27	YES	
	Gene.93762:c9845_BT_Eu_ru_202_g2_i1:g.93762:m.93762	101.44	35.94	YES	
	Gene.93768:c9845_BT_Eu_ru_202_g2_i2:g.93768:m.93768	101.44	35.94	YES	
	Gene.93760:c9845_BT_Eu_ru_202_g1_i1:g.93760:m.93760	104.59	64.46	NO	
	Gene.44846:c7204_BT_Eu_ru_202_g2_i5:g.44846:m.44846	41.28	18.83	YES	
	Gene.11984:c2859_BT_Eu_ru_202_g1_i1:g.11984:m.11984	36.84	22.63	NO	
	Gene.116370:c10828_BT_Eu_ru_202_g1_i1:g.116370:m.116370	41.31	29.29	NO	
	Gene.161025:c54021_BT_Eu_ru_202_g1_i1:g.161025:m.161025	12.19	6.80	NO	
	Gene.44841:c7204_BT_Eu_ru_202_g2_i4:g.44841:m.44841	13.33	1.33	YES	
	Gene.40121:c6833_BT_Eu_ru_202_g1_i3:g.40121:m.40121	4.70	1.08	YES	
	Gene.40117:c6833_BT_Eu_ru_202_g1_i2:g.40117:m.40117	4.20	0.88	YES	
	Gene.40112:c6833_BT_Eu_ru_202_g1_i1:g.40112:m.40112	4.49	0.62	YES	
	Gene.162109:c54521_BT_Eu_ru_202_g1_i1:g.162109:m.162109	4.05	2.81	NO	
	Gene.137700:c30704_BT_Eu_ru_202_g1_i1:g.137700:m.137700	0.71	0.00	NO	
	Gene.122691:c15383_BT_Eu_ru_202_g1_i1:g.122691:m.122691	0.83	0.66	NO	
	Gene.154952:c47058_BT_Eu_ru_202_g1_i1:g.154952:m.154952	0.72	0.43	NO	
	Gene.121304:c13918_BT_Eu_ru_202_g1_i1:g.121304:m.121304	0.53	1.15	NO	
	Gene.146822:c38846_BT_Eu_ru_202_g1_i1:g.146822:m.146822	0.67	1.24	NO	
	Gene.158738:c51017_BT_Eu_ru_202_g1_i1:g.158738:m.158738	0.46	0.98	NO	
	Gene.118410:c11747_BT_Eu_ru_202_g1_i1:g.118410:m.118410	0.59	1.46	NO	
Peptidase S10	Gene.56023:c7990_BT_Eu_ru_202_g1_i1:g.56023:m.56023	110.34	64.26	YES	
	Gene.126554:c20475_BT_Eu_ru_202_g1_i1:g.126554:m.126554	40.65	24.81	NO	
	Gene.74343:c9062_BT_Eu_ru_202_g1_i1:g.74343:m.74343	6.56	3.09	YES	
Peptidase S1	Gene.1164:c246_BT_Eu_ru_202_g1_i1:g.1164:m.1164	2110.08	1305.22	YES	
	Gene.77973:c9226_BT_Eu_ru_202_g1_i1:g.77973:m.77973	1734.55	1128.15	YES	
	Gene.44555:c7186_BT_Eu_ru_202_g1_i1:g.44555:m.44555	1347.79	836.98	YES	
	Gene.27841:c5556_BT_Eu_ru_202_g1_i1:g.27841:m.27841	1132.26	732.20	YES	
	Gene.161299:c54149_BT_Eu_ru_202_g1_i1:g.161299:m.161299	1094.87	704.45	NO	
	Gene.30986:c5960_BT_Eu_ru_202_g1_i1:g.30986:m.30986	898.09	596.47	YES	
	Gene.45971:c7278_BT_Eu_ru_202_g1_i1:g.45971:m.45971	903.05	589.55	YES	
	Gene.71847:c8913_BT_Eu_ru_202_g1_i1:g.71847:m.71847	675.81	448.89	NO	
	Gene.21632:c4688_BT_Eu_ru_202_g1_i1:g.21632:m.21632	710.49	459.02	YES	
	Gene.84017:c9455_BT_Eu_ru_202_g1_i1:g.84017:m.84017	63.95	23.59	YES	
	Gene.70893:c8871_BT_Eu_ru_202_g1_i1:g.70893:m.70893	474.83	381.77	YES	excluded
	Gene.154678:c46846_BT_Eu_ru_202_g1_i1:g.154678:m.154678	415.61	275.85	NO	
	Gene.84040:c9455_BT_Eu_ru_202_g1_i2:g.84040:m.84040	75.32	17.37	YES	excluded
	Gene.36925:c6548_BT_Eu_ru_202_g1_i1:g.36925:m.36925	339.41	226.89	YES	
	Gene.51851:c7708_BT_Eu_ru_202_g1_i1:g.51851:m.51851	213.68	132.44	YES	
	Gene.79666:c9289_BT_Eu_ru_202_g1_i1:g.79666:m.79666	320.02	179.24	YES	
	Gene.68770:c8765_BT_Eu_ru_202_g2_i2:g.68770:m.68770	174.60	62.73	YES	
	Gene.79670:c9289_BT_Eu_ru_202_g1_i2:g.79670:m.79670	239.15	52.56	YES	
	Gene.68759:c8765_BT_Eu_ru_202_g2_i1:g.68759:m.68759	166.91	45.85	YES	
	Gene.19914:c4449_BT_Eu_ru_202_g1_i1:g.19914:m.19914	167.49	105.77	YES	

	Gene.35606::c6400_BT_Eu_ru_202_g1_i1::g.35606::m.35606	203.90	131.52	YES	
	Gene.134496::c28673_BT_Eu_ru_202_g1_i1::g.134496::m.134496	215.02	144.38	NO	
	Gene.88825::c9654_BT_Eu_ru_202_g1_i1::g.88825::m.88825	202.01	135.65	YES	
	Gene.56692::c8029_BT_Eu_ru_202_g1_i1::g.56692::m.56692	184.58	116.94	YES	
	Gene.33906::c6234_BT_Eu_ru_202_g1_i1::g.33906::m.33906	164.13	104.82	NO	
	Gene.8758::c2145_BT_Eu_ru_202_g2_i1::g.8758::m.8758	170.32	110.98	YES	
	Gene.38453::c6697_BT_Eu_ru_202_g1_i1::g.38453::m.38453	169.72	115.57	YES	
	Gene.40524::c6874_BT_Eu_ru_202_g1_i1::g.40524::m.40524	35.10	13.13	NO	excluded
	Gene.41446::c6944_BT_Eu_ru_202_g1_i1::g.41446::m.41446	150.58	100.36	YES	
	Gene.160590::c53866_BT_Eu_ru_202_g1_i1::g.160590::m.160590	131.45	85.14	NO	
	Gene.58755::c8133_BT_Eu_ru_202_g1_i1::g.58755::m.58755	123.13	77.08	NO	
	Gene.84335::c9468_BT_Eu_ru_202_g1_i1::g.84335::m.84335	79.36	24.58	NO	
	Gene.84341::c9468_BT_Eu_ru_202_g1_i2::g.84341::m.84341	79.36	24.58	NO	
	Gene.84348::c9468_BT_Eu_ru_202_g1_i3::g.84348::m.84348	79.37	0.00	NO	
	Gene.84355::c9468_BT_Eu_ru_202_g1_i4::g.84355::m.84355	79.37	0.00	NO	
	Gene.81799::c9367_BT_Eu_ru_202_g1_i1::g.81799::m.81799	111.42	70.21	YES	
	Gene.15817::c3781_BT_Eu_ru_202_g1_i1::g.15817::m.15817	17.44	9.53	NO	excluded
	Gene.125984::c20252_BT_Eu_ru_202_g1_i1::g.125984::m.125984	108.34	66.45	NO	
	Gene.60623::c8272_BT_Eu_ru_202_g1_i2::g.60623::m.60623	79.20	42.70	YES	
	Gene.21811::c4712_BT_Eu_ru_202_g1_i1::g.21811::m.21811	103.44	66.80	YES	
	Gene.46212::c7294_BT_Eu_ru_202_g1_i1::g.46212::m.46212	69.12	45.62	YES	
	Gene.8757::c2145_BT_Eu_ru_202_g2_i1::g.8757::m.8757	94.91	62.92	YES	
	Gene.36583::c6505_BT_Eu_ru_202_g1_i1::g.36583::m.36583	94.66	61.48	YES	
	Gene.67547::c8693_BT_Eu_ru_202_g1_i1::g.67547::m.67547	69.35	46.74	YES	
	Gene.60619::c8272_BT_Eu_ru_202_g1_i1::g.60619::m.60619	66.33	36.32	YES	
	Gene.48972::c7511_BT_Eu_ru_202_g1_i1::g.48972::m.48972	86.96	60.23	NO	
	Gene.83624::c9441_BT_Eu_ru_202_g3_i1::g.83624::m.83624	45.34	29.31	YES	
	Gene.40536::c6874_BT_Eu_ru_202_g1_i2::g.40536::m.40536	57.63	24.31	NO	
	Gene.34860::c6333_BT_Eu_ru_202_g1_i1::g.34860::m.34860	73.31	46.93	YES	
	Gene.56698::c8029_BT_Eu_ru_202_g2_i1::g.56698::m.56698	77.14	48.89	YES	
	Gene.72687::c8962_BT_Eu_ru_202_g1_i1::g.72687::m.72687	75.85	50.07	YES	
	Gene.139587::c32623_BT_Eu_ru_202_g1_i1::g.139587::m.139587	83.68	51.86	NO	
	Gene.117739::c11393_BT_Eu_ru_202_g1_i1::g.117739::m.117739	49.04	32.68	NO	
	Gene.72179::c8934_BT_Eu_ru_202_g2_i1::g.72179::m.72179	37.26	23.05	YES	
	Gene.114375::c10524_BT_Eu_ru_202_g1_i2::g.114375::m.114375	55.88	8.92	NO	
	Gene.114400::c10524_BT_Eu_ru_202_g1_i6::g.114400::m.114400	55.16	18.80	NO	
	Gene.2708::c658_BT_Eu_ru_202_g1_i2::g.2708::m.2708	30.01	9.28	YES	
	Gene.126406::c20430_BT_Eu_ru_202_g1_i1::g.126406::m.126406	61.29	40.37	NO	
	Gene.91044::c9739_BT_Eu_ru_202_g1_i1::g.91044::m.91044	72.72	52.00	YES	
	Gene.113485::c10499_BT_Eu_ru_202_g1_i1::g.113485::m.113485	7.64	3.90	NO	excluded
	Gene.34163::c6268_BT_Eu_ru_202_g1_i1::g.34163::m.34163	60.20	41.02	YES	
	Gene.15892::c3796_BT_Eu_ru_202_g1_i1::g.15892::m.15892	47.88	27.86	YES	
	Gene.114382::c10524_BT_Eu_ru_202_g1_i3::g.114382::m.114382	58.79	19.95	NO	
	Gene.16139::c3881_BT_Eu_ru_202_g1_i1::g.16139::m.16139	57.53	39.87	YES	
	Gene.145570::c37840_BT_Eu_ru_202_g1_i1::g.145570::m.145570	48.69	34.12	NO	
	Gene.114393::c10524_BT_Eu_ru_202_g1_i5::g.114393::m.114393	56.02	1.43	NO	
	Gene.48858::c7498_BT_Eu_ru_202_g1_i1::g.48858::m.48858	66.26	50.19	NO	
	Gene.114406::c10524_BT_Eu_ru_202_g1_i7::g.114406::m.114406	57.45	2.73	NO	
	Gene.117552::c11323_BT_Eu_ru_202_g1_i1::g.117552::m.117552	44.58	29.35	NO	
	Gene.14311::c3408_BT_Eu_ru_202_g1_i1::g.14311::m.14311	39.09	27.42	YES	
	Gene.60095::c8241_BT_Eu_ru_202_g1_i1::g.60095::m.60095	41.04	26.79	YES	
	Gene.69264::c8790_BT_Eu_ru_202_g1_i1::g.69264::m.69264	29.14	19.16	YES	
	Gene.37431::c6603_BT_Eu_ru_202_g1_i1::g.37431::m.37431	40.90	26.57	YES	
	Gene.116614::c10907_BT_Eu_ru_202_g1_i1::g.116614::m.116614	36.99	24.89	NO	
	Gene.19630::c4411_BT_Eu_ru_202_g1_i1::g.19630::m.19630	36.23	25.65	YES	
	Gene.152447::c45613_BT_Eu_ru_202_g1_i1::g.152447::m.152447	34.05	21.55	NO	
	Gene.58708::c8128_BT_Eu_ru_202_g1_i1::g.58708::m.58708	23.55	15.07	YES	
	Gene.14194::c3384_BT_Eu_ru_202_g1_i2::g.14194::m.14194	15.67	9.10	YES	
	Gene.115368::c10547_BT_Eu_ru_202_g1_i4::g.115368::m.115368	31.02	20.41	NO	
	Gene.161313::c54150_BT_Eu_ru_202_g1_i1::g.161313::m.161313	32.10	20.93	NO	
	Gene.91010::c9738_BT_Eu_ru_202_g1_i1::g.91010::m.91010	19.41	7.20	YES	
	Gene.115376::c10547_BT_Eu_ru_202_g1_i7::g.115376::m.115376	29.04	15.24	NO	
	Gene.42609::c7057_BT_Eu_ru_202_g1_i1::g.42609::m.42609	32.71	20.04	YES	
	Gene.142808::c36336_BT_Eu_ru_202_g1_i1::g.142808::m.142808	30.00	19.02	NO	
	Gene.145963::c38114_BT_Eu_ru_202_g1_i1::g.145963::m.145963	21.65	15.00	NO	
	Gene.114412::c10524_BT_Eu_ru_202_g1_i8::g.114412::m.114412	53.58	25.76	NO	
	Gene.146050::c38183_BT_Eu_ru_202_g1_i1::g.146050::m.146050	25.95	16.73	NO	
	Gene.151736::c45342_BT_Eu_ru_202_g1_i1::g.151736::m.151736	23.18	15.26	NO	
	Gene.130610::c23430_BT_Eu_ru_202_g1_i1::g.130610::m.130610	24.71	15.99	NO	
	Gene.26986::c5444_BT_Eu_ru_202_g1_i1::g.26986::m.26986	24.47	14.91	YES	
	Gene.154358::c46637_BT_Eu_ru_202_g1_i1::g.154358::m.154358	18.51	12.08	NO	
	Gene.157749::c49727_BT_Eu_ru_202_g1_i1::g.157749::m.157749	23.47	14.26	NO	
	Gene.114407::c10524_BT_Eu_ru_202_g1_i7::g.114407::m.114407	62.05	81.89	NO	
	Gene.40591::c6882_BT_Eu_ru_202_g1_i2::g.40591::m.40591	21.08	13.09	YES	
	Gene.36495::c6491_BT_Eu_ru_202_g1_i1::g.36495::m.36495	27.07	20.20	NO	
	Gene.115363::c10547_BT_Eu_ru_202_g1_i2::g.115363::m.115363	22.55	13.37	NO	
	Gene.23002::c4858_BT_Eu_ru_202_g1_i1::g.23002::m.23002	19.41	13.44	NO	
	Gene.91030::c9738_BT_Eu_ru_202_g1_i6::g.91030::m.91030	17.47	5.32	YES	
	Gene.144667::c37260_BT_Eu_ru_202_g1_i1::g.144667::m.144667	19.71	13.48	NO	
	Gene.32351::c6088_BT_Eu_ru_202_g1_i1::g.32351::m.32351	19.22	10.93	YES	
	Gene.11268::c2718_BT_Eu_ru_202_g1_i1::g.11268::m.11268	8.44	4.99	YES	
	Gene.50116::c7580_BT_Eu_ru_202_g1_i2::g.50116::m.50116	19.08	12.57	YES	
	Gene.16455::c3970_BT_Eu_ru_202_g1_i2::g.16455::m.16455	17.10	10.29	YES	
	Gene.23608::c4977_BT_Eu_ru_202_g1_i1::g.23608::m.23608	5.45	3.33	NO	excluded
	Gene.37271::c6581_BT_Eu_ru_202_g1_i1::g.37271::m.37271	18.97	12.22	YES	
	Gene.91013::c9738_BT_Eu_ru_202_g1_i2::g.91013::m.91013	18.19	0.24	YES	
	Gene.91019::c9738_BT_Eu_ru_202_g1_i3::g.91019::m.91019	18.19	0.24	YES	
	Gene.97941::c10009_BT_Eu_ru_202_g2_i2::g.97941::m.97941	6.76	4.28	YES	
	Gene.114414::c10524_BT_Eu_ru_202_g1_i8::g.114414::m.114414	45.42	0.00	NO	
	Gene.7185::c1676_BT_Eu_ru_202_g1_i1::g.7185::m.7185	17.61	12.11	YES	
	Gene.84461::c9476_BT_Eu_ru_202_g1_i1::g.84461::m.84461	17.87	11.36	YES	
	Gene.58803::c8136_BT_Eu_ru_202_g1_i1::g.58803::m.58803	16.79	11.42	NO	
	Gene.83642::c9441_BT_Eu_ru_202_g2_i3::g.83642::m.83642	9.92	6.47	YES	
	Gene.40587::c6882_BT_Eu_ru_202_g1_i1::g.40587::m.40587	22.01	1.16	YES	
	Gene.114388::c10524_BT_Eu_ru_202_g1_i4::g.114388::m.114388	28.79	14.38	NO	
	Gene.1080::c226_BT_Eu_ru_202_g1_i1::g.1080::m.1080	15.12	11.11	YES	
	Gene.83612::c9441_BT_Eu_ru_202_g1_i1::g.83612::m.83612	9.21	2.26	YES	
	Gene.83648::c9441_BT_Eu_ru_202_g1_i3::g.83648::m.83648	9.21	2.26	YES	
	Gene.5808::c1428_BT_Eu_ru_202_g1_i1::g.5808::m.5808	58.50	95.63	YES	
	Gene.126058::c20280_BT_Eu_ru_202_g1_i1::g.126058::m.126058	14.28	9.75	NO	
	Gene.56442::c8017_BT_Eu_ru_202_g1_i1::g.56442::m.56442	12.09	8.75	YES	
	Gene.113750::c10506_BT_Eu_ru_202_g1_i2::g.113750::m.113750	14.48	6.09	NO	
	Gene.113740::c10506_BT_Eu_ru_202_g1_i1::g.113740::m.113740	13.95	4.16	NO	
	Gene.69269::c8790_BT_Eu_ru_202_g1_i2::g.69269::m.69269	30.37	12.01	NO	
	Gene.27821::c5552_BT_Eu_ru_202_g1_i1::g.27821::m.27821	46.26	62.52	YES	
	Gene.129390::c22264_BT_Eu_ru_202_g1_i1::g.129390::m.129390	27.03	31.46	NO	
	Gene.114394::c10524_BT_Eu_ru_202_g1_i5::g.114394::m.114394	35.23	14.84	NO	
	Gene.5230::c1260_BT_Eu_ru_202_g1_i1::g.5230::m.5230	11.82	7.33	YES	
	Gene.91039::c9738_BT_Eu_ru_202_g1_i7::g.91039::m.91039	16.96	5.01	NO	
	Gene.93875::c9850_BT_Eu_ru_202_g1_i1::g.93875::m.93875	10.50	7.25	NO	
	Gene.115360::c10547_BT_Eu_ru_202_g1_i1::g.115360::m.115360	22.84	9.42	NO	
	Gene.9118::c2199_BT_Eu_ru_202_g1_i1::g.9118::m.9118	4.61	1.62	NO	
	Gene.83631::c9441_BT_Eu_ru_202_g1_i2::g.83631::m.83631	8.93	2.79	NO	

Gene.114373::c10524_BT_Eu_ru_202_g1_i1::g.114373::m.114373	36.97	13.46	NO
Gene.9127::c2199_BT_Eu_ru_202_g1_i2::g.9127::m.9127	4.54	0.95	NO
Gene.67552::c8693_BT_Eu_ru_202_g2_i2::g.67552::m.67552	11.45	8.52	NO
Gene.6273::c1513_BT_Eu_ru_202_g1_i2::g.6273::m.6273	7.38	4.96	YES
Gene.115380::c10547_BT_Eu_ru_202_g1_i8::g.115380::m.115380	22.03	11.29	NO
Gene.21751::c4705_BT_Eu_ru_202_g1_i2::g.21751::m.21751	8.68	5.97	YES
Gene.134225::c28571_BT_Eu_ru_202_g1_i1::g.134225::m.134225	8.11	5.82	NO
Gene.146473::c38519_BT_Eu_ru_202_g1_i1::g.146473::m.146473	44.08	67.34	NO
Gene.19155::c4343_BT_Eu_ru_202_g1_i1::g.19155::m.19155	8.95	6.47	NO
Gene.16452::c3970_BT_Eu_ru_202_g1_i1::g.16452::m.16452	15.65	1.50	NO
Gene.69268::c8790_BT_Eu_ru_202_g1_i2::g.69268::m.69268	17.44	0.79	NO
Gene.50112::c7580_BT_Eu_ru_202_g1_i1::g.50112::m.50112	18.14	0.00	NO
Gene.91014::c9738_BT_Eu_ru_202_g1_i2::g.91014::m.91014	20.21	3.06	NO
Gene.91028::c9738_BT_Eu_ru_202_g1_i5::g.91028::m.91028	20.21	3.06	NO
Gene.106529::c10296_BT_Eu_ru_202_g1_i2::g.106529::m.106529	14.91	6.74	NO
Gene.106534::c10296_BT_Eu_ru_202_g1_i3::g.106534::m.106534	14.91	6.74	NO
Gene.118873::c12019_BT_Eu_ru_202_g1_i1::g.118873::m.118873	8.23	5.11	NO
Gene.2470::c593_BT_Eu_ru_202_g1_i1::g.2470::m.2470	22.10	17.71	NO
Gene.30241::c5889_BT_Eu_ru_202_g1_i1::g.30241::m.30241	7.85	5.04	YES
Gene.34325::c6286_BT_Eu_ru_202_g1_i1::g.34325::m.34325	7.67	4.92	YES
Gene.106530::c10296_BT_Eu_ru_202_g1_i2::g.106530::m.106530	14.37	13.08	NO
Gene.16385::c3949_BT_Eu_ru_202_g1_i1::g.16385::m.16385	7.34	5.23	YES
Gene.51668::c7696_BT_Eu_ru_202_g1_i1::g.51668::m.51668	7.37	4.43	YES
Gene.16453::c3970_BT_Eu_ru_202_g1_i1::g.16453::m.16453	13.17	1.27	YES
Gene.34333::c6286_BT_Eu_ru_202_g1_i3::g.34333::m.34333	4.31	1.40	YES
Gene.115365::c10547_BT_Eu_ru_202_g1_i3::g.115365::m.115365	13.59	7.52	NO
Gene.145897::c38070_BT_Eu_ru_202_g1_i1::g.145897::m.145897	3.63	2.26	NO
Gene.36546::c6500_BT_Eu_ru_202_g1_i1::g.36546::m.36546	6.47	3.88	NO
Gene.91026::c9738_BT_Eu_ru_202_g1_i4::g.91026::m.91026	17.08	1.82	NO
Gene.34329::c6286_BT_Eu_ru_202_g1_i2::g.34329::m.34329	9.23	6.98	NO
Gene.15486::c3681_BT_Eu_ru_202_g1_i1::g.15486::m.15486	5.75	5.27	NO
Gene.165360::c56952_BT_Eu_ru_202_g1_i1::g.165360::m.165360	4.29	2.77	NO
Gene.126160::c20326_BT_Eu_ru_202_g1_i1::g.126160::m.126160	3.24	2.08	NO
Gene.32881::c6144_BT_Eu_ru_202_g1_i1::g.32881::m.32881	4.49	3.47	YES
Gene.4253::c1005_BT_Eu_ru_202_g1_i1::g.4253::m.4253	3.05	2.24	YES
Gene.118261::c11656_BT_Eu_ru_202_g1_i1::g.118261::m.118261	4.04	2.53	NO
Gene.114887::c10538_BT_Eu_ru_202_g1_i3::g.114887::m.114887	4.47	6.28	NO
Gene.20503::c4538_BT_Eu_ru_202_g1_i1::g.20503::m.20503	2.51	1.47	YES
Gene.23952::c5018_BT_Eu_ru_202_g1_i2::g.23952::m.23952	2.58	1.90	YES
Gene.13302::c3145_BT_Eu_ru_202_g1_i2::g.13302::m.13302	4.33	3.91	NO
Gene.119498::c12415_BT_Eu_ru_202_g1_i1::g.119498::m.119498	3.24	2.01	NO
Gene.6560::c1575_BT_Eu_ru_202_g1_i1::g.6560::m.6560	3.49	1.95	YES
Gene.21190::c4641_BT_Eu_ru_202_g1_i1::g.21190::m.21190	2.90	1.04	NO
Gene.21748::c4705_BT_Eu_ru_202_g1_i1::g.21748::m.21748	6.54	0.00	YES
Gene.21749::c4705_BT_Eu_ru_202_g1_i1::g.21749::m.21749	6.35	0.00	NO
Gene.114892::c10538_BT_Eu_ru_202_g1_i4::g.114892::m.114892	3.33	3.77	NO
Gene.21193::c4641_BT_Eu_ru_202_g1_i2::g.21193::m.21193	3.11	1.44	NO
Gene.23946::c5018_BT_Eu_ru_202_g1_i1::g.23946::m.23946	2.91	0.00	NO
Gene.13300::c3145_BT_Eu_ru_202_g1_i1::g.13300::m.13300	3.90	0.91	NO
Gene.91042::c9738_BT_Eu_ru_202_g1_i8::g.91042::m.91042	8.83	8.31	NO
Gene.119066::c12112_BT_Eu_ru_202_g1_i1::g.119066::m.119066	1.53	0.94	NO
Gene.135639::c29207_BT_Eu_ru_202_g1_i1::g.135639::m.135639	1.63	0.90	NO
Gene.33334::c6194_BT_Eu_ru_202_g1_i1::g.33334::m.33334	5.99	11.30	NO
Gene.114885::c10538_BT_Eu_ru_202_g1_i2::g.114885::m.114885	2.50	0.88	NO
Gene.143224::c36509_BT_Eu_ru_202_g1_i1::g.143224::m.143224	1.87	1.54	NO
Gene.2104::c496_BT_Eu_ru_202_g1_i1::g.2104::m.2104	2.08	1.79	NO
Gene.137866::c30863_BT_Eu_ru_202_g1_i1::g.137866::m.137866	1.86	0.90	NO
Gene.145921::c38086_BT_Eu_ru_202_g1_i1::g.145921::m.145921	1.47	1.31	NO
Gene.151744::c45345_BT_Eu_ru_202_g1_i1::g.151744::m.151744	1.22	0.65	NO
Gene.67551::c8693_BT_Eu_ru_202_g2_i1::g.67551::m.67551	7.97	7.27	NO
Gene.7216::c1687_BT_Eu_ru_202_g1_i1::g.7216::m.7216	1.73	1.18	NO
Gene.9763::c2291_BT_Eu_ru_202_g1_i1::g.9763::m.9763	1.28	1.08	YES
Gene.2106::c496_BT_Eu_ru_202_g1_i2::g.2106::m.2106	1.99	0.00	NO
Gene.34724::c6320_BT_Eu_ru_202_g1_i2::g.34724::m.34724	2.31	1.07	NO
Gene.50864::c7632_BT_Eu_ru_202_g1_i2::g.50864::m.50864	2.36	1.87	NO
Gene.115372::c10547_BT_Eu_ru_202_g1_i5::g.115372::m.115372	4.71	10.23	NO
Gene.144101::c36940_BT_Eu_ru_202_g1_i1::g.144101::m.144101	1.20	0.68	NO
Gene.148111::c40197_BT_Eu_ru_202_g1_i1::g.148111::m.148111	1.22	0.61	NO
Gene.163607::c55446_BT_Eu_ru_202_g1_i1::g.163607::m.163607	1.11	0.77	NO
Gene.129899::c22733_BT_Eu_ru_202_g1_i1::g.129899::m.129899	2.31	3.46	NO
Gene.131697::c24719_BT_Eu_ru_202_g1_i1::g.131697::m.131697	1.18	0.51	NO
Gene.34723::c6320_BT_Eu_ru_202_g1_i1::g.34723::m.34723	2.13	0.39	YES
Gene.155855::c47767_BT_Eu_ru_202_g1_i1::g.155855::m.155855	1.16	0.46	NO
Gene.120227::c12932_BT_Eu_ru_202_g1_i1::g.120227::m.120227	0.85	0.71	NO
Gene.15661::c3733_BT_Eu_ru_202_g1_i2::g.15661::m.15661	1.24	0.00	NO
Gene.133972::c28482_BT_Eu_ru_202_g1_i1::g.133972::m.133972	1.28	1.21	NO
Gene.164754::c56367_BT_Eu_ru_202_g1_i1::g.164754::m.164754	1.14	0.71	NO
Gene.50865::c7632_BT_Eu_ru_202_g1_i2::g.50865::m.50865	1.66	1.15	NO
Gene.153258::c46022_BT_Eu_ru_202_g1_i1::g.153258::m.153258	0.77	0.54	NO
Gene.157053::c48948_BT_Eu_ru_202_g1_i1::g.157053::m.157053	0.87	0.45	NO
Gene.114898::c10538_BT_Eu_ru_202_g1_i5::g.114898::m.114898	1.61	0.00	NO
Gene.42287::c7034_BT_Eu_ru_202_g1_i1::g.42287::m.42287	2.27	1.71	NO
Gene.3189::c803_BT_Eu_ru_202_g1_i1::g.3189::m.3189	1.70	1.52	NO
Gene.150125::c42822_BT_Eu_ru_202_g1_i1::g.150125::m.150125	3.22	8.40	NO
Gene.162612::c54807_BT_Eu_ru_202_g1_i1::g.162612::m.162612	1.42	1.44	NO
Gene.114884::c10538_BT_Eu_ru_202_g1_i1::g.114884::m.114884	2.07	0.00	NO
Gene.15655::c3733_BT_Eu_ru_202_g1_i1::g.15655::m.15655	1.33	2.53	NO
Gene.157208::c49112_BT_Eu_ru_202_g1_i1::g.157208::m.157208	1.00	1.40	NO
Gene.12987::c3063_BT_Eu_ru_202_g1_i1::g.12987::m.12987	1.16	2.27	YES
Gene.130495::c23314_BT_Eu_ru_202_g1_i1::g.130495::m.130495	0.77	0.79	NO
Gene.144256::c37025_BT_Eu_ru_202_g1_i1::g.144256::m.144256	0.90	1.32	NO
Gene.146820::c38845_BT_Eu_ru_202_g1_i1::g.146820::m.146820	0.94	0.57	NO
Gene.122030::c14632_BT_Eu_ru_202_g1_i1::g.122030::m.122030	0.76	1.30	NO
Gene.128845::c21792_BT_Eu_ru_202_g1_i1::g.128845::m.128845	0.84	0.52	NO
Gene.138480::c31421_BT_Eu_ru_202_g1_i1::g.138480::m.138480	0.92	0.31	NO
Gene.151797::c45360_BT_Eu_ru_202_g1_i1::g.151797::m.151797	0.90	1.69	NO
Gene.166115::c57775_BT_Eu_ru_202_g1_i1::g.166115::m.166115	0.72	0.89	NO
Gene.4962::c1184_BT_Eu_ru_202_g1_i1::g.4962::m.4962	1.00	1.47	NO
Gene.137196::c30282_BT_Eu_ru_202_g1_i1::g.137196::m.137196	1.02	0.52	NO
Gene.138650::c31577_BT_Eu_ru_202_g1_i1::g.138650::m.138650	0.78	0.90	NO
Gene.140207::c33407_BT_Eu_ru_202_g1_i1::g.140207::m.140207	0.75	0.28	NO
Gene.162808::c54916_BT_Eu_ru_202_g1_i1::g.162808::m.162808	1.10	2.45	NO
Gene.83621::c9441_BT_Eu_ru_202_g2_i1::g.83621::m.83621	1.87	0.00	NO
Gene.118377::c11730_BT_Eu_ru_202_g1_i1::g.118377::m.118377	0.92	2.46	NO
Gene.139319::c32318_BT_Eu_ru_202_g1_i1::g.139319::m.139319	0.61	0.44	NO
Gene.133948::c28469_BT_Eu_ru_202_g1_i1::g.133948::m.133948	0.61	1.03	NO
Gene.129561::c22398_BT_Eu_ru_202_g1_i1::g.129561::m.129561	0.75	0.93	NO
Gene.131295::c24228_BT_Eu_ru_202_g1_i1::g.131295::m.131295	0.82	1.15	NO
Gene.143226::c36509_BT_Eu_ru_202_g1_i1::g.143226::m.143226	0.83	0.00	NO
Gene.149698::c42192_BT_Eu_ru_202_g1_i1::g.149698::m.149698	0.59	0.86	NO
Gene.120077::c12838_BT_Eu_ru_202_g1_i1::g.120077::m.120077	0.57	0.00	NO
Gene.132399::c25648_BT_Eu_ru_202_g1_i1::g.132399::m.132399	0.79	0.68	NO
Gene.115722::c10615_BT_Eu_ru_202_g1_i1::g.115722::m.115722	0.76	2.47	NO

	Gene.131022::c23904_BT_Eu_ru_202_g1_i1::g.131022:m.131022	0.93	2.76	NO	
	Gene.131989::c25114_BT_Eu_ru_202_g1_i1::g.131989:m.131989	0.66	1.72	NO	
	Gene.134686::c28757_BT_Eu_ru_202_g1_i1::g.134686:m.134686	0.69	1.27	NO	
	Gene.139806::c32873_BT_Eu_ru_202_g1_i1::g.139806:m.139806	0.67	1.18	NO	
	Gene.159454::c52138_BT_Eu_ru_202_g1_i1::g.159454:m.159454	0.67	1.18	NO	
	Gene.163715::c55500_BT_Eu_ru_202_g1_i1::g.163715:m.163715	0.80	0.00	NO	
	Gene.166924::c58703_BT_Eu_ru_202_g1_i1::g.166924:m.166924	0.47	0.58	NO	
	Gene.42288::c7034_BT_Eu_ru_202_g1_i2::g.42288:m.42288	1.05	3.29	NO	
	Gene.121926::c14518_BT_Eu_ru_202_g1_i1::g.121926:m.121926	0.56	2.16	NO	
	Gene.132312::c25532_BT_Eu_ru_202_g1_i1::g.132312:m.132312	0.81	4.14	NO	
	Gene.132591::c25923_BT_Eu_ru_202_g1_i1::g.132591:m.132591	0.49	0.41	NO	
	Gene.155736::c47665_BT_Eu_ru_202_g1_i1::g.155736:m.155736	0.57	1.72	NO	
	Gene.130327::c23136_BT_Eu_ru_202_g1_i1::g.130327:m.130327	0.62	0.00	NO	
	Gene.134195::c28561_BT_Eu_ru_202_g1_i1::g.134195:m.134195	0.51	0.61	NO	
	Gene.163397::c55273_BT_Eu_ru_202_g1_i1::g.163397:m.163397	0.43	0.86	NO	
	Gene.165245::c56843_BT_Eu_ru_202_g1_i1::g.165245:m.165245	0.44	0.00	NO	
	Gene.124197::c17389_BT_Eu_ru_202_g1_i1::g.124197:m.124197	0.59	1.46	NO	
	Gene.140251::c33458_BT_Eu_ru_202_g1_i1::g.140251:m.140251	0.67	0.00	NO	
	Gene.153751::c46275_BT_Eu_ru_202_g1_i1::g.153751:m.153751	0.74	2.70	NO	
	Gene.159059::c51469_BT_Eu_ru_202_g1_i1::g.159059:m.159059	0.58	1.38	NO	
	Gene.167517::c59466_BT_Eu_ru_202_g1_i1::g.167517:m.167517	0.49	0.89	NO	
	Gene.121290::c13899_BT_Eu_ru_202_g1_i1::g.121290:m.121290	0.41	2.04	NO	
	Gene.123780::c16730_BT_Eu_ru_202_g1_i1::g.123780:m.123780	0.39	1.78	NO	
	Gene.125447::c19516_BT_Eu_ru_202_g1_i1::g.125447:m.125447	0.58	10.14	NO	
	Gene.129207::c22104_BT_Eu_ru_202_g1_i1::g.129207:m.129207	0.51	1.87	NO	
	Gene.139468::c32476_BT_Eu_ru_202_g1_i1::g.139468:m.139468	0.59	0.00	NO	
	Gene.140373::c33640_BT_Eu_ru_202_g1_i1::g.140373:m.140373	0.40	0.93	NO	
	Gene.140471::c33776_BT_Eu_ru_202_g1_i1::g.140471:m.140471	0.46	1.38	NO	
	Gene.143665::c36719_BT_Eu_ru_202_g1_i1::g.143665:m.143665	0.44	1.18	NO	
	Gene.145757::c37970_BT_Eu_ru_202_g1_i1::g.145757:m.145757	0.47	1.46	NO	
	Gene.149135::c41430_BT_Eu_ru_202_g1_i1::g.149135:m.149135	0.45	2.61	NO	
	Gene.149221::c41529_BT_Eu_ru_202_g1_i1::g.149221:m.149221	0.42	0.00	NO	
	Gene.158880::c51213_BT_Eu_ru_202_g1_i1::g.158880:m.158880	0.36	0.00	NO	
	Gene.167050::c58867_BT_Eu_ru_202_g1_i1::g.167050:m.167050	0.56	0.00	NO	
	Gene.124720::c18226_BT_Eu_ru_202_g1_i1::g.124720:m.124720	0.37	0.00	NO	
	Gene.130674::c23504_BT_Eu_ru_202_g1_i1::g.130674:m.130674	0.35	1.46	NO	
	Gene.137405::c30454_BT_Eu_ru_202_g1_i1::g.137405:m.137405	0.38	3.50	NO	
	Gene.141672::c35879_BT_Eu_ru_202_g1_i1::g.141672:m.141672	0.36	0.00	NO	
	Gene.148114::c40198_BT_Eu_ru_202_g1_i1::g.148114:m.148114	0.38	0.00	NO	
	Gene.157903::c49925_BT_Eu_ru_202_g1_i1::g.157903:m.157903	0.40	2.10	NO	
	Gene.166150::c57816_BT_Eu_ru_202_g1_i1::g.166150:m.166150	0.39	1.99	NO	
	Gene.140669::c34065_BT_Eu_ru_202_g1_i1::g.140669:m.140669	0.28	0.00	NO	
	Gene.4964::c1184_BT_Eu_ru_202_g1_i2::g.4964:m.4964	0.14	0.00	NO	
Phospholipase A2	Gene.21162::c4635_BT_Eu_ru_202_g1_i1::g.21162:m.21162	13.46	10.87	NO	excluded
	Gene.118557::c11832_BT_Eu_ru_202_g1_i1::g.118557:m.118557	15.96	11.68	NO	
	Gene.13732::c3278_BT_Eu_ru_202_g1_i1::g.13732:m.13732	13.10	9.37	NO	
	Gene.53896::c7848_BT_Eu_ru_202_g1_i1::g.53896:m.53896	6.02	0.38	YES	
	Gene.36007::c6436_BT_Eu_ru_202_g1_i1::g.36007:m.36007	6.64	6.03	YES	
	Gene.53905::c7848_BT_Eu_ru_202_g1_i2::g.53905:m.53905	4.49	3.67	NO	
	Gene.8870::c2162_BT_Eu_ru_202_g1_i1::g.8870:m.8870	2.04	1.21	YES	
	Gene.148845::c41066_BT_Eu_ru_202_g1_i1::g.148845:m.148845	0.65	0.37	NO	
Pimplin	Gene.15431::c3670_BT_Eu_ru_202_g1_i1::g.15431:m.15431	4.70	2.57	NO	
	Gene.147588::c39679_BT_Eu_ru_202_g1_i1::g.147588:m.147588	0.89	0.51	NO	
Serpin	Gene.117173::c11138_BT_Eu_ru_202_g1_i1::g.117173:m.117173	132.77	87.84	NO	
	Gene.74626::c9077_BT_Eu_ru_202_g1_i1::g.74626:m.74626	124.97	66.53	YES	
	Gene.53257::c7797_BT_Eu_ru_202_g1_i1::g.53257:m.53257	124.34	83.54	YES	
	Gene.47147::c7365_BT_Eu_ru_202_g1_i3::g.47147:m.47147	65.37	27.21	YES	
	Gene.50941::c7638_BT_Eu_ru_202_g1_i2::g.50941:m.50941	78.74	17.66	NO	
	Gene.47158::c7365_BT_Eu_ru_202_g1_i4::g.47158:m.47158	62.95	4.78	YES	
	Gene.50951::c7638_BT_Eu_ru_202_g1_i5::g.50951:m.50951	87.13	6.52	YES	
	Gene.50949::c7638_BT_Eu_ru_202_g1_i4::g.50949:m.50949	86.50	15.00	YES	
	Gene.50938::c7638_BT_Eu_ru_202_g1_i1::g.50938:m.50938	86.61	10.92	YES	
	Gene.50945::c7638_BT_Eu_ru_202_g1_i3::g.50945:m.50945	86.09	4.65	YES	
	Gene.153730::c46265_BT_Eu_ru_202_g1_i1::g.153730:m.153730	66.70	44.47	NO	
	Gene.47139::c7365_BT_Eu_ru_202_g1_i2::g.47139:m.47139	63.26	12.14	YES	
	Gene.143683::c36728_BT_Eu_ru_202_g1_i1::g.143683:m.143683	51.04	31.39	NO	
	Gene.87745::c9609_BT_Eu_ru_202_g1_i1::g.87745:m.87745	20.23	11.68	YES	
	Gene.9330::c2227_BT_Eu_ru_202_g1_i1::g.9330:m.9330	30.34	20.17	YES	
	Gene.49370::c7535_BT_Eu_ru_202_g1_i1::g.49370:m.49370	34.05	19.67	NO	
	Gene.47133::c7365_BT_Eu_ru_202_g1_i1::g.47133:m.47133	56.91	11.28	NO	
	Gene.49369::c7535_BT_Eu_ru_202_g1_i1::g.49369:m.49369	20.13	6.19	YES	
	Gene.49377::c7535_BT_Eu_ru_202_g1_i2::g.49377:m.49377	20.13	6.19	YES	
	Gene.27785::c5547_BT_Eu_ru_202_g1_i1::g.27785:m.27785	17.86	11.97	NO	
	Gene.4319::c1024_BT_Eu_ru_202_g1_i1::g.4319:m.4319	15.77	9.98	NO	
	Gene.49378::c7535_BT_Eu_ru_202_g1_i2::g.49378:m.49378	26.23	5.54	NO	
	Gene.71064::c8881_BT_Eu_ru_202_g1_i2::g.71064:m.71064	11.58	7.55	NO	
	Gene.6529::c1569_BT_Eu_ru_202_g1_i1::g.6529:m.6529	11.90	9.07	NO	
	Gene.8835::c2154_BT_Eu_ru_202_g1_i2::g.8835:m.8835	11.08	8.00	YES	
	Gene.28797::c5677_BT_Eu_ru_202_g1_i1::g.28797:m.28797	5.11	3.05	YES	
	Gene.8831::c2154_BT_Eu_ru_202_g1_i1::g.8831:m.8831	11.06	0.00	YES	
	Gene.2489::c596_BT_Eu_ru_202_g1_i1::g.2489:m.2489	6.51	4.47	YES	
	Gene.49136::c7520_BT_Eu_ru_202_g1_i1::g.49136:m.49136	5.02	3.01	YES	
	Gene.49371::c7535_BT_Eu_ru_202_g1_i1::g.49371:m.49371	18.83	17.75	NO	
	Gene.17451::c4135_BT_Eu_ru_202_g2_i1::g.17451:m.17451	2.83	1.51	NO	
	Gene.50947::c7638_BT_Eu_ru_202_g1_i3::g.50947:m.50947	8.59	6.90	NO	
	Gene.27790::c5547_BT_Eu_ru_202_g1_i2::g.27790:m.27790	6.51	3.18	NO	
	Gene.2496::c596_BT_Eu_ru_202_g1_i2::g.2496:m.2496	4.45	0.00	NO	
	Gene.158215::c50315_BT_Eu_ru_202_g1_i1::g.158215:m.158215	4.30	8.44	NO	
	Gene.2633::c636_BT_Eu_ru_202_g1_i1::g.2633:m.2633	5.08	20.45	NO	
	Gene.1383::c309_BT_Eu_ru_202_g1_i2::g.1383:m.1383	3.83	9.67	NO	
	Gene.15132::c3598_BT_Eu_ru_202_g1_i1::g.15132:m.15132	3.77	12.25	NO	
	Gene.17448::c4135_BT_Eu_ru_202_g1_i1::g.17448:m.17448	1.70	3.17	NO	
	Gene.16594::c4019_BT_Eu_ru_202_g1_i1::g.16594:m.16594	2.71	6.58	NO	
	Gene.16595::c4019_BT_Eu_ru_202_g1_i2::g.16595:m.16595	2.71	6.58	NO	
	Gene.17459::c4135_BT_Eu_ru_202_g1_i2::g.17459:m.17459	0.97	0.00	NO	
	Gene.10602::c2529_BT_Eu_ru_202_g1_i1::g.10602:m.10602	1.23	8.23	NO	
	Gene.157982::c50027_BT_Eu_ru_202_g1_i1::g.157982:m.157982	0.77	0.00	NO	
	Gene.1381::c309_BT_Eu_ru_202_g1_i1::g.1381:m.1381	0.57	0.00	NO	
	Gene.123282::c16109_BT_Eu_ru_202_g1_i1::g.123282:m.123282	0.41	0.97	NO	
	Gene.123405::c16238_BT_Eu_ru_202_g1_i1::g.123405:m.123405	0.46	0.00	NO	
Sphingomyelinase	Gene.10413::c2468_BT_Eu_ru_202_g1_i1::g.10413:m.10413	173.43	98.23	NO	
	Gene.73130::c8983_BT_Eu_ru_202_g1_i1::g.73130:m.73130	25.66	13.87	YES	
	Gene.96649::c9956_BT_Eu_ru_202_g1_i1::g.96649:m.96649	21.53	11.79	YES	
	Gene.14533::c3451_BT_Eu_ru_202_g1_i1::g.14533:m.14533	25.38	16.60	YES	
	Gene.10716::c2561_BT_Eu_ru_202_g1_i1::g.10716:m.10716	3.00	1.65	NO	

SVWC-domain 1 (Asilidin8)	Gene.118129::c11590_BT_Eu_ru_202_g1_i1::g.118129::m.118129	4.63	6.47	NO	
	Gene.128250::c21369_BT_Eu_ru_202_g1_i1::g.128250::m.128250	4.57	7.73	NO	
SVWC-domain 2 (Asilidin9)	Gene.160399::c53785_BT_Eu_ru_202_g1_i1::g.160399::m.160399	33.40	33.55	NO	
	Gene.152506::c45649_BT_Eu_ru_202_g1_i1::g.152506::m.152506	28.25	33.24	NO	
	Gene.119101::c12130_BT_Eu_ru_202_g1_i1::g.119101::m.119101	26.01	33.58	NO	
Venom acid phosphatase-like	Gene.52327::c7742_BT_Eu_ru_202_g1_i1::g.52327::m.52327	21.84	15.09	YES	
	Gene.94951::c9898_BT_Eu_ru_202_g1_i2::g.94951::m.94951	20.40	5.54	NO	
	Gene.94957::c9898_BT_Eu_ru_202_g1_i3::g.94957::m.94957	20.40	5.54	NO	
	Gene.94945::c9898_BT_Eu_ru_202_g1_i1::g.94945::m.94945	18.72	2.20	NO	
	Gene.94944::c9898_BT_Eu_ru_202_g1_i1::g.94944::m.94944	16.11	0.99	NO	
	Gene.91784::c9775_BT_Eu_ru_202_g2_i1::g.91784::m.91784	5.96	3.58	NO	
	Gene.32451::c6099_BT_Eu_ru_202_g1_i1::g.32451::m.32451	1.82	1.30	YES	