

Protein Class	Contig ID	TPM - Segemehl	TPM - Kallisto	Signal Peptide	false positive
Aegyptin	Gene.35590::c8084_BT_Ma_ar_201_g1_i3::g.35590::m.35590	26.87	18.80	NO	only body tissue
Alpha-amylase	Gene.9814::c3546_BT_Ma_ar_201_g1_i1::g.9814::m.9814	67.28	37.91	YES	
Anophelin	no hit	0	0	X	
Apyrase	Gene.7895::c2798_BT_Ma_ar_201_g1_i1::g.7895::m.7895 Gene.51259::c9670_BT_Ma_ar_201_g1_i2::g.51259::m.51259 Gene.106645::c12823_BT_Ma_ar_201_g1_i2::g.106645::m.106645 Gene.106641::c12823_BT_Ma_ar_201_g1_i1::g.106641::m.106641 Gene.51253::c9670_BT_Ma_ar_201_g1_i1::g.51253::m.51253 Gene.106652::c12823_BT_Ma_ar_201_g1_i3::g.106652::m.106652 Gene.106655::c12823_BT_Ma_ar_201_g1_i4::g.106655::m.106655 Gene.154379::c55460_BT_Ma_ar_201_g1_i1::g.154379::m.154379 Gene.148940::c49510_BT_Ma_ar_201_g1_i1::g.148940::m.148940 Gene.111936::c14279_BT_Ma_ar_201_g1_i1::g.111936::m.111936	21.59 14.43 16.35 15.97 14.59 9.14 8.34 1.78 1.79 1.55	11.43 6.41 9.05 0.00 2.72 3.95 2.63 1.38 1.04 1.07	YES NO NO NO NO 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 only body tissue only body tissue only body tissue
CAP	Gene.32398::c7699_BT_Ma_ar_201_g1_i1::g.32398::m.32398 Gene.65498::c10811_BT_Ma_ar_201_g1_i1::g.65498::m.65498 Gene.44599::c9047_BT_Ma_ar_201_g1_i1::g.44599::m.44599 Gene.69514::c11120_BT_Ma_ar_201_g1_i2::g.69514::m.69514 Gene.60081::c10434_BT_Ma_ar_201_g1_i1::g.60081::m.60081 Gene.45568::c9142_BT_Ma_ar_201_g1_i1::g.45568::m.45568 Gene.17547::c5350_BT_Ma_ar_201_g1_i1::g.17547::m.17547 Gene.44268::c9020_BT_Ma_ar_201_g1_i2::g.44268::m.44268 Gene.17550::c5350_BT_Ma_ar_201_g1_i2::g.17550::m.17550 Gene.35207::c8036_BT_Ma_ar_201_g1_i1::g.35207::m.35207 Gene.45575::c9142_BT_Ma_ar_201_g1_i2::g.45575::m.45575 Gene.69522::c11120_BT_Ma_ar_201_g1_i4::g.69522::m.69522 Gene.33726::c7866_BT_Ma_ar_201_g1_i1::g.33726::m.33726 Gene.69511::c11120_BT_Ma_ar_201_g1_i1::g.69511::m.69511 Gene.69518::c11120_BT_Ma_ar_201_g1_i3::g.69518::m.69518 Gene.45576::c9142_BT_Ma_ar_201_g1_i2::g.45576::m.45576 Gene.25302::c6709_BT_Ma_ar_201_g1_i1::g.25302::m.25302 Gene.44263::c9020_BT_Ma_ar_201_g1_i1::g.44263::m.44263 Gene.35124::c8028_BT_Ma_ar_201_g1_i1::g.35124::m.35124 Gene.30113::c7405_BT_Ma_ar_201_g1_i1::g.30113::m.30113 Gene.10594::c3877_BT_Ma_ar_201_g1_i1::g.10594::m.10594 Gene.35878::c8121_BT_Ma_ar_201_g1_i2::g.35878::m.35878 Gene.35876::c8121_BT_Ma_ar_201_g1_i1::g.35876::m.35876 Gene.35885::c8121_BT_Ma_ar_201_g1_i4::g.35885::m.35885 Gene.109742::c12982_BT_Ma_ar_201_g1_i1::g.109742::m.109742 Gene.35879::c8121_BT_Ma_ar_201_g1_i2::g.35879::m.35879 Gene.35886::c8121_BT_Ma_ar_201_g1_i4::g.35886::m.35886 Gene.119744::c22063_BT_Ma_ar_201_g1_i1::g.119744::m.119744 Gene.117277::c19556_BT_Ma_ar_201_g1_i1::g.117277::m.117277	283.74 194.01 48.28 29.93 32.19 25.34 34.76 33.17 36.95 29.86 25.30 28.59 7.26 26.07 26.07 20.02 10.29 20.86 9.09 4.51 3.92 3.99 4.15 3.79 1.83 3.82 3.82 1.84 1.37	195.85 159.23 39.76 15.67 22.04 11.66 11.00 24.79 14.76 36.95 9.91 0.25 5.22 2.54 2.54 6.02 8.36 17.63 9.57 3.10 3.51 2.33 1.89 0.45 1.56 1.31 1.31 1.66 5.48	YES NO YES YES YES YES NO YES NO NO NO NO NO NO NO YES YES NO NO YES YES YES YES NO NO NO NO NO	
Chitinase	Gene.68467::c11045_BT_Ma_ar_201_g1_i1::g.68467::m.68467 Gene.126092::c28349_BT_Ma_ar_201_g1_i1::g.126092::m.126092 Gene.61049::c10500_BT_Ma_ar_201_g1_i1::g.61049::m.61049 Gene.21292::c6130_BT_Ma_ar_201_g1_i2::g.21292::m.21292 Gene.71611::c11272_BT_Ma_ar_201_g1_i1::g.71611::m.71611 Gene.42602::c8854_BT_Ma_ar_201_g1_i1::g.42602::m.42602 Gene.6621::c2322_BT_Ma_ar_201_g1_i1::g.6621::m.6621 Gene.34774::c7976_BT_Ma_ar_201_g1_i1::g.34774::m.34774 Gene.10135::c3691_BT_Ma_ar_201_g1_i1::g.10135::m.10135 Gene.1980::c719_BT_Ma_ar_201_g1_i2::g.1980::m.1980 Gene.1978::c719_BT_Ma_ar_201_g1_i1::g.1978::m.1978 Gene.112317::c14520_BT_Ma_ar_201_g1_i1::g.112317::m.112317 Gene.158491::c59413_BT_Ma_ar_201_g1_i1::g.158491::m.158491 Gene.123002::c24503_BT_Ma_ar_201_g1_i1::g.123002::m.123002 Gene.114454::c16306_BT_Ma_ar_201_g1_i1::g.114454::m.114454 Gene.156890::c57547_BT_Ma_ar_201_g1_i1::g.156890::m.156890 Gene.125405::c27564_BT_Ma_ar_201_g1_i1::g.125405::m.125405 Gene.141591::c42844_BT_Ma_ar_201_g1_i1::g.141591::m.141591	866.74 380.80 81.08 13.29 9.28 5.94 3.06 3.48 2.68 1.57 1.72 1.07 0.78 0.73 0.49 0.82 0.58 0.39	532.55 219.38 49.87 8.32 5.64 4.39 1.47 1.78 1.35 0.49 0.90 1.07 0.80 0.68 1.61 10.30 4.82 0.00	YES NO YES NO YES YES NO NO YES NO NO NO NO NO NO NO NO NO NO	
Conoposin-like	no hit	0	0	X	
Csalpha/beta defensin	Gene.126225::c28400_BT_Ma_ar_201_g1_i1::g.126225::m.126225 Gene.18244::c5472_BT_Ma_ar_201_g1_i1::g.18244::m.18244 Gene.13246::c4500_BT_Ma_ar_201_g1_i1::g.13246::m.13246 Gene.38644::c8442_BT_Ma_ar_201_g1_i1::g.38644::m.38644 Gene.38650::c8442_BT_Ma_ar_201_g1_i2::g.38650::m.38650 Gene.8269::c2974_BT_Ma_ar_201_g1_i1::g.8269::m.8269 Gene.112706::c14796_BT_Ma_ar_201_g1_i1::g.112706::m.112706 Gene.4719::c1678_BT_Ma_ar_201_g1_i1::g.4719::m.4719 Gene.146578::c47347_BT_Ma_ar_201_g1_i1::g.146578::m.146578	5810.80 612.87 33.84 20.91 20.91 10.05 4.84 3.44 0.42	13218.60 508.65 58.88 7.75 7.75 17.75 9.13 11.19 0.94	NO NO YES YES YES YES NO YES NO	
Cystatin	no hit	0	0	X	
dICK's	Gene.122719::c24236_BT_Ma_ar_201_g1_i1::g.122719::m.122719 Gene.113514::c15452_BT_Ma_ar_201_g1_i1::g.113514::m.113514	73.93 1.58	68.95 1.03	NO NO	
Disintegrin-like	no hit	0	0	X	
Echotoxin-like	no hit	0	0	X	
Gigantoxin-like	no hit	0	0	X	

Hyaluronidase	Gene.13911::c4644_BT_Ma_ar_201_g1_i1::g.13911::m.13911	2.23	1.41	NO	
	Gene.1639::c579_BT_Ma_ar_201_g1_i1::g.1639::m.1639	1.62	3.29	YES	
ICK's (Asilidin1)	Gene.16040::c5071_BT_Ma_ar_201_g1_i1::g.16040::m.16040	2326.43	7803.10	YES	
	Gene.12953::c4441_BT_Ma_ar_201_g1_i1::g.12953::m.12953	479.35	1604.17	YES	
	Gene.128574::c29838_BT_Ma_ar_201_g1_i1::g.128574::m.128574	419.49	456.09	NO	
	Gene.2374::c871_BT_Ma_ar_201_g1_i1::g.2374::m.2374	170.09	194.77	YES	
	Gene.122719::c24236_BT_Ma_ar_201_g1_i1::g.122719::m.122719	73.93	68.95	NO	
	Gene.135785::c37503_BT_Ma_ar_201_g1_i1::g.135785::m.135785	125.60	134.72	NO	
	Gene.112576::c14699_BT_Ma_ar_201_g1_i1::g.112576::m.112576	20.09	71.40	NO	
	Gene.4789::c1710_BT_Ma_ar_201_g1_i1::g.4789::m.4789	12.65	25.53	YES	
	Gene.47439::c9321_BT_Ma_ar_201_g1_i1::g.47439::m.47439	6.26	8.22	NO	
	Gene.124527::c26203_BT_Ma_ar_201_g1_i1::g.124527::m.124527	6.14	8.75	NO	
	Gene.7265::c2557_BT_Ma_ar_201_g1_i1::g.7265::m.7265	3.24	3.87	NO	
	Gene.113514::c15452_BT_Ma_ar_201_g1_i1::g.113514::m.113514	1.58	1.03	NO	
	Gene.117389::c19695_BT_Ma_ar_201_g1_i1::g.117389::m.117389	0.69	0.47	NO	
	Gene.132650::c33743_BT_Ma_ar_201_g1_i1::g.132650::m.132650	0.68	1.99	NO	
Kazal	Gene.119253::c21798_BT_Ma_ar_201_g1_i1::g.119253::m.119253	962.17	2577.36	NO	
	Gene.45586::c9144_BT_Ma_ar_201_g1_i1::g.45586::m.45586	172.27	213.35	YES	
	Gene.60316::c10447_BT_Ma_ar_201_g1_i1::g.60316::m.60316	44.96	28.08	YES	excluded
	Gene.95966::c12490_BT_Ma_ar_201_g1_i1::g.95966::m.95966	17.14	5.35	NO	excluded
	Gene.95973::c12490_BT_Ma_ar_201_g1_i2::g.95973::m.95973	17.05	2.29	NO	excluded
	Gene.95981::c12490_BT_Ma_ar_201_g1_i3::g.95981::m.95981	17.05	2.29	NO	excluded
	Gene.110960::c13633_BT_Ma_ar_201_g1_i1::g.110960::m.110960	124.24	238.93	NO	
	Gene.77823::c11638_BT_Ma_ar_201_g1_i1::g.77823::m.77823	8.55	4.93	YES	excluded
	Gene.33349::c7815_BT_Ma_ar_201_g1_i1::g.33349::m.33349	8.67	4.76	NO	excluded
	Gene.33342::c7813_BT_Ma_ar_201_g1_i1::g.33342::m.33342	29.78	27.23	YES	
	Gene.9490::c3418_BT_Ma_ar_201_g1_i1::g.9490::m.9490	4.97	3.15	NO	excluded
	Gene.122601::c24133_BT_Ma_ar_201_g1_i1::g.122601::m.122601	15.34	34.33	NO	
	Gene.13259::c4505_BT_Ma_ar_201_g1_i1::g.13259::m.13259	21.20	49.84	NO	
	Gene.2123::c786_BT_Ma_ar_201_g1_i1::g.2123::m.2123	2.11	0.96	NO	excluded
	Gene.122644::c24170_BT_Ma_ar_201_g1_i1::g.122644::m.122644	2.44	1.61	NO	
	Gene.41579::c8751_BT_Ma_ar_201_g1_i1::g.41579::m.41579	5.52	3.02	NO	
	Gene.153697::c55024_BT_Ma_ar_201_g1_i1::g.153697::m.153697	1.87	1.39	NO	excluded
	Gene.146547::c47332_BT_Ma_ar_201_g1_i1::g.146547::m.146547	1.04	0.51	NO	
	Gene.5220::c1883_BT_Ma_ar_201_g1_i1::g.5220::m.5220	0.81	0.87	YES	
	Gene.141617::c42878_BT_Ma_ar_201_g1_i1::g.141617::m.141617	1.00	4.54	NO	
Kazal (vasotab-like)	Gene.13474::c4555_BT_Ma_ar_201_g1_i1::g.13474::m.13474	2766.76	1977.82	YES	
	Gene.41010::c8683_BT_Ma_ar_201_g1_i1::g.41010::m.41010	190.55	82.07	YES	excluded
	Gene.41028::c8683_BT_Ma_ar_201_g1_i2::g.41028::m.41028	184.44	17.79	YES	excluded
	Gene.53030::c9832_BT_Ma_ar_201_g1_i1::g.53030::m.53030	432.14	382.44	YES	
	Gene.13787::c4617_BT_Ma_ar_201_g1_i1::g.13787::m.13787	373.55	291.47	YES	
	Gene.29335::c7299_BT_Ma_ar_201_g1_i1::g.29335::m.29335	331.64	890.92	YES	
	Gene.128714::c29944_BT_Ma_ar_201_g1_i1::g.128714::m.128714	205.08	389.38	NO	
	Gene.28504::c7196_BT_Ma_ar_201_g1_i2::g.28504::m.28504	14.00	7.70	YES	
	Gene.67548::c10971_BT_Ma_ar_201_g3_i1::g.67548::m.67548	40.30	90.01	YES	
	Gene.41582::c8751_BT_Ma_ar_201_g1_i2::g.41582::m.41582	7.88	5.09	NO	
	Gene.28501::c7196_BT_Ma_ar_201_g1_i1::g.28501::m.28501	10.05	0.00	NO	
	Gene.155793::c56607_BT_Ma_ar_201_g1_i1::g.155793::m.155793	2.46	1.71	NO	
	Gene.143089::c45249_BT_Ma_ar_201_g1_i1::g.143089::m.143089	4.99	5.34	NO	
	Gene.149466::c50074_BT_Ma_ar_201_g1_i1::g.149466::m.149466	2.31	4.47	NO	
Kunitz	Gene.89151::c12217_BT_Ma_ar_201_g1_i1::g.89151::m.89151	126.42	71.77	YES	
	Gene.71522::c11261_BT_Ma_ar_201_g1_i1::g.71522::m.71522	35.56	17.76	NO	
	Gene.18759::c5598_BT_Ma_ar_201_g1_i1::g.18759::m.18759	168.97	297.21	YES	
	Gene.61876::c10561_BT_Ma_ar_201_g1_i1::g.61876::m.61876	5.51	1.56	YES	
	Gene.61901::c10561_BT_Ma_ar_201_g1_i2::g.61901::m.61901	5.51	1.56	YES	
	Gene.154614::c55630_BT_Ma_ar_201_g1_i1::g.154614::m.154614	87.47	95.37	NO	
	Gene.97366::c12536_BT_Ma_ar_201_g1_i1::g.97366::m.97366	4.76	1.90	NO	
	Gene.105517::c12789_BT_Ma_ar_201_g1_i1::g.105517::m.105517	19.42	1.24	NO	excluded
	Gene.97403::c12536_BT_Ma_ar_201_g1_i3::g.97403::m.97403	4.97	0.13	NO	
	Gene.97422::c12536_BT_Ma_ar_201_g1_i4::g.97422::m.97422	4.88	0.00	NO	
	Gene.97389::c12536_BT_Ma_ar_201_g1_i2::g.97389::m.97389	5.22	1.25	NO	excluded
	Gene.17651::c5368_BT_Ma_ar_201_g1_i1::g.17651::m.17651	57.04	76.71	NO	
	Gene.9688::c3499_BT_Ma_ar_201_g1_i1::g.9688::m.9688	12.15	14.25	YES	
	Gene.5434::c1981_BT_Ma_ar_201_g1_i1::g.5434::m.5434	5.76	10.68	YES	
	Gene.8747::c3175_BT_Ma_ar_201_g1_i1::g.8747::m.8747	4.48	6.59	YES	
	Gene.88336::c12186_BT_Ma_ar_201_g1_i1::g.88336::m.88336	2.11	3.87	YES	
	Gene.123331::c24834_BT_Ma_ar_201_g1_i1::g.123331::m.123331	0.97	1.04	NO	
	Gene.123332::c24834_BT_Ma_ar_201_g1_i1::g.123332::m.123332	1.00	0.68	NO	
	Gene.114104::c15956_BT_Ma_ar_201_g1_i1::g.114104::m.114104	1.08	5.12	NO	
Lectin c-type	Gene.36026::c8138_BT_Ma_ar_201_g1_i1::g.36026::m.36026	14.07	7.01	YES	excluded
	Gene.105760::c12795_BT_Ma_ar_201_g1_i4::g.105760::m.105760	5.76	0.23	NO	
	Gene.105734::c12795_BT_Ma_ar_201_g1_i2::g.105734::m.105734	5.67	1.53	NO	
	Gene.11911::c4239_BT_Ma_ar_201_g1_i1::g.11911::m.11911	46.50	29.17	YES	
	Gene.105749::c12795_BT_Ma_ar_201_g1_i3::g.105749::m.105749	6.60	0.58	NO	
	Gene.105775::c12795_BT_Ma_ar_201_g1_i5::g.105775::m.105775	6.90	0.42	NO	
	Gene.102428::c12697_BT_Ma_ar_201_g1_i1::g.102428::m.102428	14.33	8.13	NO	
	Gene.105726::c12795_BT_Ma_ar_201_g1_i1::g.105726::m.105726	7.66	1.23	NO	
	Gene.102444::c12697_BT_Ma_ar_201_g1_i2::g.102444::m.102444	9.46	2.25	NO	
	Gene.14425::c4754_BT_Ma_ar_201_g1_i1::g.14425::m.14425	2.98	2.65	YES	
	Gene.130433::c31420_BT_Ma_ar_201_g1_i1::g.130433::m.130433	3.25	2.93	NO	
	Gene.114463::c16318_BT_Ma_ar_201_g1_i1::g.114463::m.114463	1.46	0.80	NO	
	Gene.126170::c28379_BT_Ma_ar_201_g1_i1::g.126170::m.126170	1.63	1.05	NO	
	Gene.123368::c24872_BT_Ma_ar_201_g1_i1::g.123368::m.123368	1.05	0.47	NO	
	Gene.155118::c56036_BT_Ma_ar_201_g1_i1::g.155118::m.155118	0.84	0.00	NO	
Lipocalin calycins	Gene.53973::c9931_BT_Ma_ar_201_g1_i1::g.53973::m.53973	304.44	188.94	YES	
	Gene.6370::c2249_BT_Ma_ar_201_g1_i1::g.6370::m.6370	361.04	283.45	YES	
	Gene.84615::c11973_BT_Ma_ar_201_g1_i1::g.84615::m.84615	16.65	10.91	YES	

	Gene.120380::c22458_BT_Ma_ar_201_g1_i1::g.120380::m.120380	9.81	3.87	NO
	Gene.120384::c22458_BT_Ma_ar_201_g1_i2::g.120384::m.120384	9.81	3.87	NO
	Gene.7610::c2677_BT_Ma_ar_201_g1_i2::g.7610::m.7610	1.71	1.34	NO
Maxadilan-like	no hit	0	0	X
MBF2-domain	Gene.41350::c8726_BT_Ma_ar_201_g1_i1::g.41350::m.41350	2306.14	2338.62	YES
	Gene.21832::c6201_BT_Ma_ar_201_g1_i1::g.21832::m.21832	501.79	544.99	YES
	Gene.24349::c6571_BT_Ma_ar_201_g1_i1::g.24349::m.24349	170.09	197.61	YES
	Gene.127315::c29022_BT_Ma_ar_201_g1_i1::g.127315::m.127315	105.96	97.85	NO
	Gene.130793::c31762_BT_Ma_ar_201_g1_i1::g.130793::m.130793	85.75	84.30	NO
	Gene.25112::c6680_BT_Ma_ar_201_g1_i1::g.25112::m.25112	47.81	58.77	YES
	Gene.48115::c9376_BT_Ma_ar_201_g1_i1::g.48115::m.48115	30.77	13.06	YES
	Gene.48118::c9376_BT_Ma_ar_201_g1_i2::g.48118::m.48118	30.77	13.06	YES
	Gene.48121::c9376_BT_Ma_ar_201_g1_i3::g.48121::m.48121	30.77	13.06	YES
	Gene.147264::c47889_BT_Ma_ar_201_g1_i1::g.147264::m.147264	4.39	6.30	NO
Melittin-like	no hit	0	0	X
Natterin-like (Asilidin10)	Gene.18175::c5457_BT_Ma_ar_201_g1_i1::g.18175::m.18175	392.69	263.15	NO
	Gene.49004::c9464_BT_Ma_ar_201_g1_i1::g.49004::m.49004	92.48	63.43	NO
	Gene.33996::c7899_BT_Ma_ar_201_g1_i1::g.33996::m.33996	29.50	20.63	NO
	Gene.34984::c8003_BT_Ma_ar_201_g1_i1::g.34984::m.34984	23.65	6.76	NO
	Gene.34989::c8003_BT_Ma_ar_201_g1_i2::g.34989::m.34989	29.56	19.48	NO
	Gene.42290::c8827_BT_Ma_ar_201_g1_i1::g.42290::m.42290	7.33	4.12	NO
Neurokinin-like	no hit	0	0	X
Nitrophorin-like	no hit	0	0	X
Novel protein (Asilidin2)	Gene.21554::c6170_BT_Ma_ar_201_g1_i1::g.21554::m.21554	1777.28	1329.58	YES
	Gene.41502::c8742_BT_Ma_ar_201_g1_i1::g.41502::m.41502	271.73	84.57	YES
	Gene.41503::c8742_BT_Ma_ar_201_g1_i2::g.41503::m.41503	271.73	84.57	YES
	Gene.79913::c11744_BT_Ma_ar_201_g1_i1::g.79913::m.79913	92.44	53.75	YES
	Gene.71032::c11227_BT_Ma_ar_201_g1_i1::g.71032::m.71032	74.50	48.46	YES
	Gene.92596::c12356_BT_Ma_ar_201_g1_i2::g.92596::m.92596	23.20	11.52	NO
	Gene.92590::c12356_BT_Ma_ar_201_g1_i1::g.92590::m.92590	16.91	7.60	YES
	Gene.81282::c11818_BT_Ma_ar_201_g1_i1::g.81282::m.81282	9.71	7.44	YES
	Gene.110503::c13360_BT_Ma_ar_201_g1_i1::g.110503::m.110503	4.41	2.31	NO
	Gene.39630::c8538_BT_Ma_ar_201_g1_i1::g.39630::m.39630	5.11	2.59	NO
	Gene.41214::c8703_BT_Ma_ar_201_g1_i1::g.41214::m.41214	3.56	2.02	YES
	Gene.14287::c4723_BT_Ma_ar_201_g1_i1::g.14287::m.14287	3.60	2.09	NO
	Gene.66422::c10881_BT_Ma_ar_201_g1_i2::g.66422::m.66422	3.71	1.78	NO
	Gene.121292::c23081_BT_Ma_ar_201_g1_i1::g.121292::m.121292	1.70	1.12	NO
	Gene.66419::c10881_BT_Ma_ar_201_g1_i1::g.66419::m.66419	1.79	2.09	NO
	Gene.145216::c46377_BT_Ma_ar_201_g1_i1::g.145216::m.145216	1.33	1.44	NO
	Gene.81288::c11818_BT_Ma_ar_201_g2_i1::g.81288::m.81288	2.04	3.19	NO
Novel protein (Asilidin3)	Gene.2992::c1157_BT_Ma_ar_201_g1_i2::g.2992::m.2992	158.34	139.39	YES
	Gene.2991::c1157_BT_Ma_ar_201_g1_i1::g.2991::m.2991	127.21	19.23	YES
	Gene.27157::c7006_BT_Ma_ar_201_g1_i1::g.27157::m.27157	9.43	13.51	YES
Novel protein (Asilidin4)	Gene.114720::c16546_BT_Ma_ar_201_g1_i1::g.114720::m.114720	2.58	3.47	NO
Novel protein (Asilidin5)	Gene.47615::c9335_BT_Ma_ar_201_g1_i1::g.47615::m.47615	48.75	31.18	YES
	Gene.131739::c32726_BT_Ma_ar_201_g1_i1::g.131739::m.131739	1.70	1.75	NO
Novel protein (Asilidin6)	no hit	0	0	X
Novel protein (Asilidin7)	no hit	0	0	X
Peptidase M12	Gene.153229::c54758_BT_Ma_ar_201_g1_i1::g.153229::m.153229	307.34	202.47	NO
	Gene.8639::c3136_BT_Ma_ar_201_g1_i1::g.8639::m.8639	109.69	75.56	NO
	Gene.44509::c9040_BT_Ma_ar_201_g1_i1::g.44509::m.44509	13.58	5.80	NO
	Gene.44521::c9040_BT_Ma_ar_201_g1_i2::g.44521::m.44521	15.00	2.57	NO
	Gene.106137::c12808_BT_Ma_ar_201_g1_i1::g.106137::m.106137	8.14	3.07	NO
	Gene.31561::c7589_BT_Ma_ar_201_g1_i2::g.31561::m.31561	9.49	4.60	YES
	Gene.31579::c7589_BT_Ma_ar_201_g1_i3::g.31579::m.31579	9.53	0.84	YES
	Gene.106154::c12808_BT_Ma_ar_201_g1_i2::g.106154::m.106154	8.23	2.09	NO
	Gene.70649::c11202_BT_Ma_ar_201_g1_i1::g.70649::m.70649	7.55	4.62	YES
	Gene.64398::c10735_BT_Ma_ar_201_g1_i1::g.64398::m.64398	8.04	4.14	NO
	Gene.53853::c9912_BT_Ma_ar_201_g1_i3::g.53853::m.53853	23.84	14.15	NO
	Gene.46302::c9209_BT_Ma_ar_201_g1_i2::g.46302::m.46302	7.19	2.01	YES
	Gene.15108::c4897_BT_Ma_ar_201_g1_i1::g.15108::m.15108	13.32	8.95	NO
	Gene.46290::c9209_BT_Ma_ar_201_g1_i1::g.46290::m.46290	7.03	2.39	YES
	Gene.46291::c9209_BT_Ma_ar_201_g1_i1::g.46291::m.46291	6.95	0.32	NO
	Gene.64399::c10735_BT_Ma_ar_201_g1_i1::g.64399::m.64399	4.04	2.87	YES
	Gene.155335::c56229_BT_Ma_ar_201_g1_i1::g.155335::m.155335	2.06	1.15	NO
	Gene.16454::c5136_BT_Ma_ar_201_g1_i1::g.16454::m.16454	4.83	4.18	NO
	Gene.1768::c631_BT_Ma_ar_201_g1_i1::g.1768::m.1768	1.92	1.75	NO
	Gene.1775::c631_BT_Ma_ar_201_g1_i2::g.1775::m.1775	1.89	0.00	NO
	Gene.146852::c47565_BT_Ma_ar_201_g1_i1::g.146852::m.146852	0.84	0.66	NO
	Gene.148272::c48824_BT_Ma_ar_201_g1_i1::g.148272::m.148272	0.64	1.53	NO
	Gene.154913::c55875_BT_Ma_ar_201_g1_i1::g.154913::m.154913	0.33	3.43	NO
Peptidase M13	Gene.54034::c9940_BT_Ma_ar_201_g1_i1::g.54034::m.54034	587.73	295.55	YES
	Gene.18379::c5498_BT_Ma_ar_201_g2_i1::g.18379::m.18379	310.52	181.55	YES

	Gene.84024::c11945_BT_Ma_ar_201_g1_i1::g.84024::m.84024	293.26	177.35	YES
	Gene.68065::c11012_BT_Ma_ar_201_g1_i1::g.68065::m.68065	225.99	124.31	YES
	Gene.4012::c1436_BT_Ma_ar_201_g1_i1::g.4012::m.4012	117.60	65.20	YES
	Gene.69748::c11133_BT_Ma_ar_201_g1_i1::g.69748::m.69748	126.00	76.12	NO
	Gene.38384::c8413_BT_Ma_ar_201_g1_i1::g.38384::m.38384	94.76	52.19	YES
	Gene.76312::c11556_BT_Ma_ar_201_g1_i1::g.76312::m.76312	60.44	34.94	YES
	Gene.38638::c8440_BT_Ma_ar_201_g1_i1::g.38638::m.38638	60.74	35.92	YES
	Gene.48796::c9439_BT_Ma_ar_201_g1_i1::g.48796::m.48796	48.22	27.95	NO
	Gene.77963::c11648_BT_Ma_ar_201_g1_i1::g.77963::m.77963	51.97	32.82	YES
	Gene.75638::c11520_BT_Ma_ar_201_g1_i3::g.75638::m.75638	35.81	0.00	NO
	Gene.75626::c11520_BT_Ma_ar_201_g1_i2::g.75626::m.75626	36.58	16.27	NO
	Gene.96967::c12522_BT_Ma_ar_201_g1_i1::g.96967::m.96967	39.80	21.58	NO
	Gene.75650::c11520_BT_Ma_ar_201_g1_i4::g.75650::m.75650	34.93	3.96	NO
	Gene.107618::c12854_BT_Ma_ar_201_g1_i1::g.107618::m.107618	39.30	21.72	NO
	Gene.69969::c11150_BT_Ma_ar_201_g1_i1::g.69969::m.69969	24.04	13.71	YES
	Gene.84905::c11991_BT_Ma_ar_201_g1_i1::g.84905::m.84905	27.44	17.16	NO
	Gene.91320::c12307_BT_Ma_ar_201_g2_i1::g.91320::m.91320	15.14	4.62	YES
	Gene.91326::c12307_BT_Ma_ar_201_g2_i2::g.91326::m.91326	15.14	4.62	YES
	Gene.107619::c12854_BT_Ma_ar_201_g1_i1::g.107619::m.107619	12.46	7.08	NO
	Gene.22833::c6363_BT_Ma_ar_201_g1_i1::g.22833::m.22833	20.93	12.06	NO
	Gene.10945::c4030_BT_Ma_ar_201_g1_i1::g.10945::m.10945	9.99	5.83	YES
	Gene.53784::c9906_BT_Ma_ar_201_g1_i1::g.53784::m.53784	6.66	3.86	YES
	Gene.14458::c4765_BT_Ma_ar_201_g1_i1::g.14458::m.14458	6.63	4.19	YES
	Gene.22834::c6363_BT_Ma_ar_201_g1_i1::g.22834::m.22834	18.75	12.35	YES
	Gene.2324::c850_BT_Ma_ar_201_g1_i1::g.2324::m.2324	6.85	4.11	YES
	Gene.112510::c14665_BT_Ma_ar_201_g1_i1::g.112510::m.112510	4.41	2.46	NO
	Gene.65479::c10809_BT_Ma_ar_201_g1_i1::g.65479::m.65479	5.81	3.28	NO
	Gene.24526::c6585_BT_Ma_ar_201_g1_i1::g.24526::m.24526	11.89	8.60	NO
	Gene.24525::c6585_BT_Ma_ar_201_g1_i1::g.24525::m.24525	8.22	5.70	NO
	Gene.14191::c4700_BT_Ma_ar_201_g1_i1::g.14191::m.14191	4.17	2.19	YES
	Gene.1592::c564_BT_Ma_ar_201_g1_i1::g.1592::m.1592	3.64	2.65	NO
	Gene.154853::c55826_BT_Ma_ar_201_g1_i1::g.154853::m.154853	4.61	2.59	NO
	Gene.135048::c37085_BT_Ma_ar_201_g1_i1::g.135048::m.135048	3.38	2.22	NO
	Gene.56192::c10119_BT_Ma_ar_201_g1_i1::g.56192::m.56192	3.64	2.31	NO
	Gene.9414::c3380_BT_Ma_ar_201_g1_i1::g.9414::m.9414	2.56	1.45	NO
	Gene.2444::c897_BT_Ma_ar_201_g1_i1::g.2444::m.2444	4.08	1.53	NO
	Gene.29329::c7298_BT_Ma_ar_201_g1_i1::g.29329::m.29329	2.62	1.36	NO
	Gene.144185::c45755_BT_Ma_ar_201_g1_i1::g.144185::m.144185	2.06	1.52	NO
	Gene.7226::c2546_BT_Ma_ar_201_g1_i1::g.7226::m.7226	3.38	2.36	NO
	Gene.143100::c45255_BT_Ma_ar_201_g1_i1::g.143100::m.143100	2.32	1.43	NO
	Gene.110408::c13303_BT_Ma_ar_201_g1_i1::g.110408::m.110408	2.75	2.32	NO
	Gene.13848::c4631_BT_Ma_ar_201_g1_i1::g.13848::m.13848	2.04	1.36	NO
	Gene.6448::c2266_BT_Ma_ar_201_g1_i1::g.6448::m.6448	1.57	1.26	YES
	Gene.5627::c2055_BT_Ma_ar_201_g1_i1::g.5627::m.5627	3.24	3.07	NO
	Gene.110544::c13380_BT_Ma_ar_201_g1_i1::g.110544::m.110544	1.67	1.25	NO
	Gene.136003::c37619_BT_Ma_ar_201_g1_i1::g.136003::m.136003	1.52	1.18	NO
	Gene.137406::c38594_BT_Ma_ar_201_g1_i1::g.137406::m.137406	1.93	1.66	NO
	Gene.5500::c2015_BT_Ma_ar_201_g1_i1::g.5500::m.5500	2.16	3.08	YES
	Gene.111073::c13710_BT_Ma_ar_201_g1_i1::g.111073::m.111073	1.75	2.80	NO
	Gene.127269::c28992_BT_Ma_ar_201_g1_i1::g.127269::m.127269	0.89	1.31	NO
	Gene.144195::c45762_BT_Ma_ar_201_g1_i1::g.144195::m.144195	1.22	1.60	NO
	Gene.156401::c57085_BT_Ma_ar_201_g1_i1::g.156401::m.156401	1.11	0.55	NO
	Gene.130751::c31715_BT_Ma_ar_201_g1_i1::g.130751::m.130751	1.30	1.64	NO
	Gene.122676::c24190_BT_Ma_ar_201_g1_i1::g.122676::m.122676	0.95	1.49	NO
	Gene.111858::c14226_BT_Ma_ar_201_g1_i1::g.111858::m.111858	0.94	3.50	NO
	Gene.114764::c16592_BT_Ma_ar_201_g1_i1::g.114764::m.114764	0.66	1.29	NO
	Gene.116757::c18896_BT_Ma_ar_201_g1_i1::g.116757::m.116757	0.68	0.90	NO
	Gene.123642::c25177_BT_Ma_ar_201_g1_i1::g.123642::m.123642	0.97	2.05	NO
	Gene.138033::c39058_BT_Ma_ar_201_g1_i1::g.138033::m.138033	0.73	1.04	NO
	Gene.115531::c17414_BT_Ma_ar_201_g1_i1::g.115531::m.115531	0.85	2.95	NO
	Gene.128437::c29764_BT_Ma_ar_201_g1_i1::g.128437::m.128437	0.60	0.00	NO
	Gene.10426::c3807_BT_Ma_ar_201_g1_i1::g.10426::m.10426	1.15	0.00	NO
	Gene.139184::c40079_BT_Ma_ar_201_g1_i1::g.139184::m.139184	0.68	0.00	NO
	Gene.150379::c51166_BT_Ma_ar_201_g1_i1::g.150379::m.150379	0.50	1.58	NO
	Gene.122052::c23656_BT_Ma_ar_201_g1_i1::g.122052::m.122052	0.47	5.94	NO
Peptidase M14	Gene.25661::c6761_BT_Ma_ar_201_g1_i1::g.25661::m.25661	1834.10	1066.49	YES
	Gene.58257::c10278_BT_Ma_ar_201_g2_i2::g.58257::m.58257	44.59	21.90	YES
	Gene.78424::c11673_BT_Ma_ar_201_g1_i1::g.78424::m.78424	143.20	85.26	YES
	Gene.47589::c9333_BT_Ma_ar_201_g1_i1::g.47589::m.47589	49.18	29.30	YES
	Gene.58251::c10278_BT_Ma_ar_201_g2_i1::g.58251::m.58251	49.08	15.70	YES
	Gene.118692::c21531_BT_Ma_ar_201_g1_i1::g.118692::m.118692	62.07	37.27	NO
	Gene.82558::c11878_BT_Ma_ar_201_g1_i1::g.82558::m.82558	47.35	30.60	YES
	Gene.34707::c7971_BT_Ma_ar_201_g1_i1::g.34707::m.34707	34.28	20.35	YES
	Gene.34712::c7971_BT_Ma_ar_201_g1_i2::g.34712::m.34712	34.19	0.00	YES
	Gene.1034::c381_BT_Ma_ar_201_g1_i1::g.1034::m.1034	35.00	21.44	YES
	Gene.75785::c11528_BT_Ma_ar_201_g1_i1::g.75785::m.75785	26.71	16.79	YES
	Gene.66298::c10874_BT_Ma_ar_201_g2_i1::g.66298::m.66298	19.40	11.66	YES
	Gene.66303::c10874_BT_Ma_ar_201_g2_i2::g.66303::m.66303	18.29	1.69	YES
	Gene.123504::c25045_BT_Ma_ar_201_g1_i1::g.123504::m.123504	0.84	0.67	NO
	Gene.135067::c37093_BT_Ma_ar_201_g1_i1::g.135067::m.135067	0.83	0.90	NO
	Gene.150434::c51228_BT_Ma_ar_201_g1_i1::g.150434::m.150434	0.50	1.22	NO
	Gene.158112::c58889_BT_Ma_ar_201_g1_i1::g.158112::m.158112	0.99	1.50	NO
Peptidase S10	Gene.50758::c9627_BT_Ma_ar_201_g1_i1::g.50758::m.50758	149.69	88.26	YES
	Gene.21138::c6101_BT_Ma_ar_201_g1_i1::g.21138::m.21138	61.47	34.22	YES
	Gene.36746::c8222_BT_Ma_ar_201_g1_i1::g.36746::m.36746	15.48	6.97	NO
	Gene.133717::c35213_BT_Ma_ar_201_g1_i1::g.133717::m.133717	0.57	0.00	NO
Peptidase S1	Gene.152462::c54419_BT_Ma_ar_201_g1_i1::g.152462::m.152462	7914.57	4919.74	NO
	Gene.152306::c54353_BT_Ma_ar_201_g1_i1::g.152306::m.152306	7288.54	4670.59	NO
	Gene.11221::c4095_BT_Ma_ar_201_g1_i1::g.11221::m.11221	5323.59	3413.49	NO
	Gene.125784::c28228_BT_Ma_ar_201_g1_i1::g.125784::m.125784	3796.84	2422.30	NO
	Gene.31723::c7605_BT_Ma_ar_201_g1_i1::g.31723::m.31723	3463.24	2189.28	YES
	Gene.152645::c54485_BT_Ma_ar_201_g1_i1::g.152645::m.152645	3005.74	1920.04	NO
	Gene.71704::c11277_BT_Ma_ar_201_g1_i1::g.71704::m.71704	2275.17	1760.78	NO
	Gene.119215::c21790_BT_Ma_ar_201_g1_i1::g.119215::m.119215	1861.46	1202.55	NO
	Gene.90915::c12282_BT_Ma_ar_201_g2_i1::g.90915::m.90915	1767.71	1150.41	NO

	Gene.39674::c8547_BT_Ma_ar_201_g1_i1::g.39674::m.39674	1099.47	703.93	YES	
	Gene.32758::c7751_BT_Ma_ar_201_g1_i1::g.32758::m.32758	979.63	585.07	YES	
	Gene.143661::c45514_BT_Ma_ar_201_g1_i1::g.143661::m.143661	932.57	607.21	NO	
	Gene.107740::c12857_BT_Ma_ar_201_g1_i1::g.107740::m.107740	127.88	66.49	NO	excluded
	Gene.11283::c4108_BT_Ma_ar_201_g1_i1::g.11283::m.11283	836.56	532.58	YES	
	Gene.109593::c12932_BT_Ma_ar_201_g1_i1::g.109593::m.109593	422.51	235.34	NO	
	Gene.34883::c7986_BT_Ma_ar_201_g1_i1::g.34883::m.34883	653.79	424.66	NO	
	Gene.57001::c10198_BT_Ma_ar_201_g1_i1::g.57001::m.57001	645.66	401.09	NO	
	Gene.32764::c7751_BT_Ma_ar_201_g2_i2::g.32764::m.32764	622.33	411.32	YES	
	Gene.24084::c6538_BT_Ma_ar_201_g1_i1::g.24084::m.24084	586.42	388.29	YES	
	Gene.120282::c22396_BT_Ma_ar_201_g1_i1::g.120282::m.120282	516.80	316.22	NO	
	Gene.62395::c10598_BT_Ma_ar_201_g1_i1::g.62395::m.62395	452.92	293.14	YES	
	Gene.24216::c6555_BT_Ma_ar_201_g1_i1::g.24216::m.24216	440.47	266.85	NO	
	Gene.154170::c55325_BT_Ma_ar_201_g1_i1::g.154170::m.154170	458.66	295.05	NO	
	Gene.152920::c54605_BT_Ma_ar_201_g1_i1::g.152920::m.152920	440.03	275.24	NO	
	Gene.90911::c12282_BT_Ma_ar_201_g1_i1::g.90911::m.90911	1646.33	2104.14	NO	
	Gene.22661::c6331_BT_Ma_ar_201_g1_i1::g.22661::m.22661	448.50	278.68	YES	
	Gene.32624::c7725_BT_Ma_ar_201_g1_i1::g.32624::m.32624	386.97	245.06	YES	
	Gene.90917::c12282_BT_Ma_ar_201_g2_i2::g.90917::m.90917	690.44	273.26	NO	
	Gene.110168::c13179_BT_Ma_ar_201_g1_i1::g.110168::m.110168	357.09	222.77	NO	
	Gene.32461::c7707_BT_Ma_ar_201_g1_i1::g.32461::m.32461	345.03	195.39	YES	
	Gene.31486::c7576_BT_Ma_ar_201_g1_i1::g.31486::m.31486	315.57	197.40	NO	
	Gene.100235::c12629_BT_Ma_ar_201_g1_i2::g.100235::m.100235	65.31	30.14	NO	excluded
	Gene.98967::c12593_BT_Ma_ar_201_g3_i3::g.98967::m.98967	250.36	91.44	YES	
	Gene.98972::c12593_BT_Ma_ar_201_g3_i3::g.98972::m.98972	248.51	45.06	YES	
	Gene.42848::c8878_BT_Ma_ar_201_g1_i1::g.42848::m.42848	278.77	181.87	YES	
	Gene.32466::c7707_BT_Ma_ar_201_g1_i2::g.32466::m.32466	303.43	183.35	NO	
	Gene.63340::c10666_BT_Ma_ar_201_g1_i1::g.63340::m.63340	136.43	76.90	YES	
	Gene.135078::c37100_BT_Ma_ar_201_g1_i1::g.135078::m.135078	213.91	136.85	NO	
	Gene.144221::c45781_BT_Ma_ar_201_g1_i1::g.144221::m.144221	214.97	142.00	NO	
	Gene.3751::c1373_BT_Ma_ar_201_g1_i1::g.3751::m.3751	207.76	124.82	YES	
	Gene.11749::c4200_BT_Ma_ar_201_g1_i1::g.11749::m.11749	197.10	125.77	YES	
	Gene.73210::c11375_BT_Ma_ar_201_g1_i1::g.73210::m.73210	226.56	151.68	NO	
	Gene.135671::c37431_BT_Ma_ar_201_g1_i1::g.135671::m.135671	160.14	97.57	NO	
	Gene.52859::c9814_BT_Ma_ar_201_g1_i1::g.52859::m.52859	114.71	75.03	YES	
	Gene.60585::c10460_BT_Ma_ar_201_g1_i2::g.60585::m.60585	98.57	35.68	YES	
	Gene.60579::c10460_BT_Ma_ar_201_g1_i1::g.60579::m.60579	99.04	31.46	YES	
	Gene.839::c291_BT_Ma_ar_201_g1_i1::g.839::m.839	135.83	81.71	YES	
	Gene.51593::c9700_BT_Ma_ar_201_g1_i1::g.51593::m.51593	142.70	101.10	NO	
	Gene.16588::c5162_BT_Ma_ar_201_g1_i1::g.16588::m.16588	133.64	80.55	YES	
	Gene.71603::c11271_BT_Ma_ar_201_g1_i1::g.71603::m.71603	124.90	27.58	YES	
	Gene.71606::c11271_BT_Ma_ar_201_g1_i2::g.71606::m.71606	124.90	27.58	YES	
	Gene.71609::c11271_BT_Ma_ar_201_g1_i3::g.71609::m.71609	124.90	27.58	YES	
	Gene.100232::c12629_BT_Ma_ar_201_g1_i1::g.100232::m.100232	88.76	26.36	NO	
	Gene.98983::c12593_BT_Ma_ar_201_g3_i5::g.98983::m.98983	204.47	28.04	NO	
	Gene.126477::c28512_BT_Ma_ar_201_g1_i1::g.126477::m.126477	112.71	74.24	NO	
	Gene.73215::c11375_BT_Ma_ar_201_g2_i1::g.73215::m.73215	194.91	140.27	YES	
	Gene.28195::c7164_BT_Ma_ar_201_g1_i1::g.28195::m.28195	77.33	46.87	YES	
	Gene.23631::c6475_BT_Ma_ar_201_g1_i1::g.23631::m.23631	118.61	79.02	YES	
	Gene.36876::c8237_BT_Ma_ar_201_g1_i1::g.36876::m.36876	106.65	68.07	YES	
	Gene.98960::c12593_BT_Ma_ar_201_g3_i3::g.98960::m.98960	203.47	0.00	NO	
	Gene.40317::c8605_BT_Ma_ar_201_g1_i1::g.40317::m.40317	84.68	58.03	YES	
	Gene.53855::c9913_BT_Ma_ar_201_g1_i1::g.53855::m.53855	86.22	64.18	YES	
	Gene.50386::c9593_BT_Ma_ar_201_g1_i1::g.50386::m.50386	54.30	35.69	YES	
	Gene.37245::c8282_BT_Ma_ar_201_g1_i1::g.37245::m.37245	74.59	50.15	YES	
	Gene.53109::c9842_BT_Ma_ar_201_g1_i1::g.53109::m.53109	53.60	34.36	YES	
	Gene.56263::c10129_BT_Ma_ar_201_g1_i1::g.56263::m.56263	41.79	12.38	YES	
	Gene.56272::c10129_BT_Ma_ar_201_g1_i2::g.56272::m.56272	41.79	12.38	YES	
	Gene.57105::c10204_BT_Ma_ar_201_g1_i3::g.57105::m.57105	71.78	39.65	YES	
	Gene.52477::c9783_BT_Ma_ar_201_g1_i1::g.52477::m.52477	69.91	42.21	YES	
	Gene.3446::c1298_BT_Ma_ar_201_g1_i1::g.3446::m.3446	69.62	45.86	YES	
	Gene.3977::c1433_BT_Ma_ar_201_g1_i1::g.3977::m.3977	58.81	42.43	YES	
	Gene.98984::c12593_BT_Ma_ar_201_g3_i5::g.98984::m.98984	170.59	7.08	NO	
	Gene.31874::c7626_BT_Ma_ar_201_g1_i1::g.31874::m.31874	59.93	39.49	YES	
	Gene.26444::c6870_BT_Ma_ar_201_g1_i1::g.26444::m.26444	42.46	25.78	YES	
	Gene.37853::c8362_BT_Ma_ar_201_g1_i1::g.37853::m.37853	48.90	30.53	NO	
	Gene.127579::c29170_BT_Ma_ar_201_g1_i1::g.127579::m.127579	51.79	34.71	NO	
	Gene.119812::c22097_BT_Ma_ar_201_g1_i1::g.119812::m.119812	52.88	32.65	NO	
	Gene.154767::c55759_BT_Ma_ar_201_g1_i1::g.154767::m.154767	84.91	55.95	NO	
	Gene.62906::c10639_BT_Ma_ar_201_g1_i1::g.62906::m.62906	43.44	28.54	YES	
	Gene.18111::c5439_BT_Ma_ar_201_g1_i1::g.18111::m.18111	56.60	39.63	YES	
	Gene.22820::c6362_BT_Ma_ar_201_g1_i1::g.22820::m.22820	42.35	23.57	YES	
	Gene.31487::c7576_BT_Ma_ar_201_g1_i1::g.31487::m.31487	44.68	28.62	YES	
	Gene.14130::c4687_BT_Ma_ar_201_g1_i1::g.14130::m.14130	43.10	31.05	YES	
	Gene.1841::c657_BT_Ma_ar_201_g1_i1::g.1841::m.1841	37.51	26.07	YES	
	Gene.69260::c11105_BT_Ma_ar_201_g1_i1::g.69260::m.69260	24.55	12.93	YES	
	Gene.80775::c11795_BT_Ma_ar_201_g1_i1::g.80775::m.80775	23.06	15.26	YES	
	Gene.57099::c10204_BT_Ma_ar_201_g1_i1::g.57099::m.57099	67.73	9.54	YES	
	Gene.120468::c22509_BT_Ma_ar_201_g1_i1::g.120468::m.120468	88.25	76.91	NO	
	Gene.113790::c15687_BT_Ma_ar_201_g1_i1::g.113790::m.113790	40.54	26.75	NO	
	Gene.98961::c12593_BT_Ma_ar_201_g3_i3::g.98961::m.98961	105.22	18.58	NO	
	Gene.10067::c3661_BT_Ma_ar_201_g1_i1::g.10067::m.10067	31.66	23.26	YES	
	Gene.34339::c7931_BT_Ma_ar_201_g1_i1::g.34339::m.34339	34.28	24.74	YES	
	Gene.119484::c21924_BT_Ma_ar_201_g1_i1::g.119484::m.119484	34.26	21.30	NO	
	Gene.3487::c1316_BT_Ma_ar_201_g1_i1::g.3487::m.3487	22.25	14.87	YES	
	Gene.110218::c13209_BT_Ma_ar_201_g1_i1::g.110218::m.110218	30.69	20.09	NO	
	Gene.119984::c22193_BT_Ma_ar_201_g1_i1::g.119984::m.119984	31.17	20.61	NO	
	Gene.24620::c6602_BT_Ma_ar_201_g1_i1::g.24620::m.24620	23.93	13.32	YES	
	Gene.145092::c46298_BT_Ma_ar_201_g1_i1::g.145092::m.145092	19.88	13.36	NO	
	Gene.18588::c5543_BT_Ma_ar_201_g1_i1::g.18588::m.18588	29.13	17.59	YES	
	Gene.26977::c6964_BT_Ma_ar_201_g1_i1::g.26977::m.26977	25.39	17.41	YES	
	Gene.44577::c9043_BT_Ma_ar_201_g1_i1::g.44577::m.44577	19.95	13.44	YES	
	Gene.22534::c6307_BT_Ma_ar_201_g1_i1::g.22534::m.22534	26.69	14.44	YES	
	Gene.60760::c10476_BT_Ma_ar_201_g1_i2::g.60760::m.60760	26.53	16.56	YES	
	Gene.72221::c11310_BT_Ma_ar_201_g1_i1::g.72221::m.72221	9.65	5.60	YES	
	Gene.57100::c10204_BT_Ma_ar_201_g1_i1::g.57100::m.57100	55.60	5.13	NO	
	Gene.57102::c10204_BT_Ma_ar_201_g1_i2::g.57102::m.57102	55.60	5.13	NO	
	Gene.26431::c6867_BT_Ma_ar_201_g1_i1::g.26431::m.26431	24.33	14.34	YES	
	Gene.143693::c45529_BT_Ma_ar_201_g1_i1::g.143693::m.143693	23.55	15.89	NO	
	Gene.126865::c28724_BT_Ma_ar_201_g1_i1::g.126865::m.126865	10.02	5.02	NO	
	Gene.119366::c21861_BT_Ma_ar_201_g1_i1::g.119366::m.119366	19.85	13.96	NO	

	Gene.35942::c8128_BT_Ma_ar_201_g1_i1::g.35942::m.35942	5.13	2.58	NO	excluded
	Gene.154508::c55563_BT_Ma_ar_201_g1_i1::g.154508::m.154508	32.74	18.10	NO	
	Gene.8750::c3176_BT_Ma_ar_201_g1_i1::g.8750::m.8750	38.55	24.34	NO	
	Gene.57103::c10204_BT_Ma_ar_201_g1_i2::g.57103::m.57103	56.59	10.98	YES	excluded
	Gene.17231::c5286_BT_Ma_ar_201_g1_i2::g.17231::m.17231	17.08	9.42	NO	
	Gene.67817::c10991_BT_Ma_ar_201_g1_i1::g.67817::m.67817	17.89	11.03	YES	
	Gene.23270::c6433_BT_Ma_ar_201_g1_i1::g.23270::m.23270	17.61	11.80	YES	excluded
	Gene.51831::c9714_BT_Ma_ar_201_g1_i1::g.51831::m.51831	14.66	7.39	YES	
	Gene.67913::c10996_BT_Ma_ar_201_g1_i1::g.67913::m.67913	10.93	7.49	YES	
	Gene.41835::c8781_BT_Ma_ar_201_g1_i1::g.41835::m.41835	15.81	11.50	YES	excluded
	Gene.17227::c5286_BT_Ma_ar_201_g1_i1::g.17227::m.17227	16.65	2.36	NO	
	Gene.62273::c10584_BT_Ma_ar_201_g1_i3::g.62273::m.62273	11.89	2.23	YES	
	Gene.62263::c10584_BT_Ma_ar_201_g1_i2::g.62263::m.62263	11.49	3.86	NO	excluded
	Gene.62251::c10584_BT_Ma_ar_201_g1_i1::g.62251::m.62251	14.13	3.86	NO	
	Gene.77369::c11612_BT_Ma_ar_201_g1_i1::g.77369::m.77369	10.39	7.05	YES	
	Gene.56829::c10183_BT_Ma_ar_201_g1_i1::g.56829::m.56829	10.76	6.99	YES	excluded
	Gene.13155::c4477_BT_Ma_ar_201_g1_i1::g.13155::m.13155	11.29	8.04	YES	
	Gene.18708::c5579_BT_Ma_ar_201_g1_i1::g.18708::m.18708	33.05	34.11	NO	
	Gene.67820::c10991_BT_Ma_ar_201_g2_i1::g.67820::m.67820	16.81	14.70	YES	excluded
	Gene.55821::c10084_BT_Ma_ar_201_g1_i2::g.55821::m.55821	5.38	2.62	YES	
	Gene.98958::c12593_BT_Ma_ar_201_g2_i1::g.98958::m.98958	18.15	8.76	NO	
	Gene.673::c216_BT_Ma_ar_201_g1_i2::g.673::m.673	5.97	3.50	NO	excluded
	Gene.16248::c5102_BT_Ma_ar_201_g1_i1::g.16248::m.16248	9.16	5.39	NO	
	Gene.39616::c8536_BT_Ma_ar_201_g1_i2::g.39616::m.39616	5.71	3.98	YES	
	Gene.54307::c9964_BT_Ma_ar_201_g1_i1::g.54307::m.54307	8.14	5.64	NO	excluded
	Gene.55810::c10084_BT_Ma_ar_201_g1_i1::g.55810::m.55810	4.65	1.27	YES	
	Gene.29593::c7338_BT_Ma_ar_201_g1_i1::g.29593::m.29593	6.77	5.28	YES	
	Gene.128566::c29834_BT_Ma_ar_201_g1_i1::g.128566::m.128566	7.22	5.47	NO	excluded
	Gene.55813::c10084_BT_Ma_ar_201_g2_i1::g.55813::m.55813	3.71	2.10	YES	
	Gene.51834::c9714_BT_Ma_ar_201_g1_i2::g.51834::m.51834	13.98	6.16	YES	
	Gene.22453::c6291_BT_Ma_ar_201_g1_i1::g.22453::m.22453	4.47	3.09	YES	excluded
	Gene.3295::c1255_BT_Ma_ar_201_g1_i2::g.3295::m.3295	4.76	3.28	NO	
	Gene.12182::c4294_BT_Ma_ar_201_g1_i1::g.12182::m.12182	4.10	2.30	YES	
	Gene.18709::c5579_BT_Ma_ar_201_g1_i2::g.18709::m.18709	28.81	0.00	NO	excluded
	Gene.26194::c6824_BT_Ma_ar_201_g1_i1::g.26194::m.26194	4.51	1.34	NO	
	Gene.18124::c5442_BT_Ma_ar_201_g1_i1::g.18124::m.18124	3.97	2.71	YES	
	Gene.119365::c21858_BT_Ma_ar_201_g1_i1::g.119365::m.119365	24.81	30.19	NO	excluded
	Gene.55825::c10084_BT_Ma_ar_201_g3_i1::g.55825::m.55825	3.08	1.70	YES	
	Gene.12102::c4277_BT_Ma_ar_201_g1_i2::g.12102::m.12102	4.52	2.58	NO	
	Gene.119306::c21826_BT_Ma_ar_201_g1_i1::g.119306::m.119306	4.84	4.14	NO	excluded
	Gene.51835::c9714_BT_Ma_ar_201_g1_i2::g.51835::m.51835	10.28	1.64	NO	
	Gene.6445::c2265_BT_Ma_ar_201_g1_i1::g.6445::m.6445	4.06	2.42	YES	
	Gene.12096::c4277_BT_Ma_ar_201_g1_i1::g.12096::m.12096	4.76	1.12	NO	excluded
	Gene.41464::c8738_BT_Ma_ar_201_g1_i1::g.41464::m.41464	7.90	5.65	NO	
	Gene.51165::c9659_BT_Ma_ar_201_g1_i1::g.51165::m.51165	2.70	1.35	YES	
	Gene.149454::c50055_BT_Ma_ar_201_g1_i1::g.149454::m.149454	23.04	53.74	NO	excluded
	Gene.157304::c57956_BT_Ma_ar_201_g1_i1::g.157304::m.157304	14.14	24.96	NO	
	Gene.153843::c55121_BT_Ma_ar_201_g1_i1::g.153843::m.153843	3.69	2.09	NO	
	Gene.1490::c545_BT_Ma_ar_201_g1_i1::g.1490::m.1490	3.43	2.80	NO	excluded
	Gene.33687::c7857_BT_Ma_ar_201_g1_i1::g.33687::m.33687	3.35	1.67	YES	
	Gene.124705::c26460_BT_Ma_ar_201_g1_i1::g.124705::m.124705	10.63	6.32	NO	
	Gene.39613::c8536_BT_Ma_ar_201_g1_i1::g.39613::m.39613	6.56	1.37	NO	excluded
	Gene.40561::c8634_BT_Ma_ar_201_g1_i1::g.40561::m.40561	2.67	2.04	NO	
	Gene.15488::c4986_BT_Ma_ar_201_g1_i2::g.15488::m.15488	2.09	0.99	YES	
	Gene.123597::c25138_BT_Ma_ar_201_g1_i1::g.123597::m.123597	10.02	10.81	NO	excluded
	Gene.1995::c723_BT_Ma_ar_201_g1_i1::g.1995::m.1995	2.06	1.30	NO	
	Gene.3293::c1255_BT_Ma_ar_201_g1_i1::g.3293::m.3293	3.32	0.00	NO	
	Gene.10790::c3950_BT_Ma_ar_201_g1_i1::g.10790::m.10790	3.22	3.71	NO	excluded
	Gene.121059::c22897_BT_Ma_ar_201_g1_i1::g.121059::m.121059	4.09	2.14	NO	
	Gene.1436::c528_BT_Ma_ar_201_g1_i1::g.1436::m.1436	1.91	1.20	YES	
	Gene.137313::c38531_BT_Ma_ar_201_g1_i1::g.137313::m.137313	1.93	1.59	NO	excluded
	Gene.119922::c22165_BT_Ma_ar_201_g1_i1::g.119922::m.119922	3.56	4.81	NO	
	Gene.153744::c55051_BT_Ma_ar_201_g1_i1::g.153744::m.153744	1.66	1.24	NO	
	Gene.156195::c56923_BT_Ma_ar_201_g1_i1::g.156195::m.156195	1.79	1.63	NO	excluded
	Gene.145017::c46255_BT_Ma_ar_201_g1_i1::g.145017::m.145017	5.98	21.84	NO	
	Gene.159071::c60342_BT_Ma_ar_201_g1_i1::g.159071::m.159071	4.73	9.22	NO	
	Gene.113279::c15250_BT_Ma_ar_201_g1_i1::g.113279::m.113279	1.86	1.87	NO	excluded
	Gene.119324::c21833_BT_Ma_ar_201_g1_i1::g.119324::m.119324	2.81	6.16	NO	
	Gene.126400::c28481_BT_Ma_ar_201_g1_i1::g.126400::m.126400	1.51	0.96	NO	
	Gene.128053::c29469_BT_Ma_ar_201_g1_i1::g.128053::m.128053	1.29	1.29	NO	excluded
	Gene.155391::c56261_BT_Ma_ar_201_g1_i1::g.155391::m.155391	1.11	0.57	NO	
	Gene.134787::c36968_BT_Ma_ar_201_g1_i1::g.134787::m.134787	1.45	1.32	NO	
	Gene.143418::c45395_BT_Ma_ar_201_g1_i1::g.143418::m.143418	1.44	0.78	NO	excluded
	Gene.155860::c56665_BT_Ma_ar_201_g1_i1::g.155860::m.155860	1.05	0.90	NO	
	Gene.122735::c24250_BT_Ma_ar_201_g1_i1::g.122735::m.122735	1.17	0.83	NO	
	Gene.131575::c32545_BT_Ma_ar_201_g1_i1::g.131575::m.131575	1.71	1.70	NO	excluded
	Gene.9480::c3417_BT_Ma_ar_201_g1_i1::g.9480::m.9480	1.61	1.64	NO	
	Gene.9486::c3417_BT_Ma_ar_201_g1_i2::g.9486::m.9486	1.61	1.64	NO	
	Gene.119325::c21833_BT_Ma_ar_201_g1_i1::g.119325::m.119325	1.89	4.83	NO	excluded
	Gene.10661::c3899_BT_Ma_ar_201_g1_i1::g.10661::m.10661	1.28	1.51	NO	
	Gene.114145::c16000_BT_Ma_ar_201_g1_i1::g.114145::m.114145	1.23	1.28	NO	
	Gene.6462::c2270_BT_Ma_ar_201_g1_i1::g.6462::m.6462	1.18	0.77	NO	excluded
	Gene.130107::c31106_BT_Ma_ar_201_g1_i1::g.130107::m.130107	1.33	0.63	NO	
	Gene.154627::c55644_BT_Ma_ar_201_g1_i1::g.154627::m.154627	1.31	1.56	NO	
	Gene.158634::c59619_BT_Ma_ar_201_g1_i1::g.158634::m.158634	1.77	3.19	NO	excluded
	Gene.120696::c22671_BT_Ma_ar_201_g1_i1::g.120696::m.120696	1.54	2.61	NO	
	Gene.133502::c34879_BT_Ma_ar_201_g1_i1::g.133502::m.133502	1.36	0.80	NO	
	Gene.154399::c55485_BT_Ma_ar_201_g1_i1::g.154399::m.154399	1.36	1.61	NO	excluded
	Gene.111655::c14095_BT_Ma_ar_201_g1_i1::g.111655::m.111655	0.98	0.96	NO	
	Gene.9212::c3304_BT_Ma_ar_201_g1_i1::g.9212::m.9212	1.07	0.86	NO	
	Gene.122172::c23753_BT_Ma_ar_201_g1_i1::g.122172::m.122172	1.36	3.56	NO	excluded
	Gene.109512::c12903_BT_Ma_ar_201_g1_i1::g.109512::m.109512	1.31	1.61	NO	
	Gene.146857::c47569_BT_Ma_ar_201_g1_i1::g.146857::m.146857	0.89	1.40	NO	
	Gene.152953::c54624_BT_Ma_ar_201_g1_i1::g.152953::m.152953	1.39	2.11	NO	excluded
	Gene.156219::c56949_BT_Ma_ar_201_g1_i1::g.156219::m.156219	1.09	1.26	NO	
	Gene.158335::c59201_BT_Ma_ar_201_g1_i1::g.158335::m.158335	1.06	1.18	NO	
	Gene.141997::c43361_BT_Ma_ar_201_g1_i1::g.141997::m.141997	1.18	3.40	NO	excluded
	Gene.130412::c31398_BT_Ma_ar_201_g1_i1::g.130412::m.130412	1.20	2.11	NO	
	Gene.133251::c34529_BT_Ma_ar_201_g1_i1::g.133251::m.133251	1.98	10.96	NO	
	Gene.137986::c39026_BT_Ma_ar_201_g1_i1::g.137986::m.137986	0.92	1.57	NO	excluded
	Gene.146528::c47313_BT_Ma_ar_201_g1_i1::g.146528::m.146528	0.82	1.27	NO	

	Gene.147327::c47936_BT_Ma_ar_201_g1_i1::g.147327::m.147327	0.97	2.20	NO	
	Gene.124025::c25602_BT_Ma_ar_201_g1_i1::g.124025::m.124025	0.81	1.08	NO	
	Gene.137069::c38349_BT_Ma_ar_201_g1_i1::g.137069::m.137069	0.76	0.97	NO	
	Gene.110477::c13341_BT_Ma_ar_201_g1_i1::g.110477::m.110477	0.85	0.94	NO	
	Gene.113310::c15272_BT_Ma_ar_201_g1_i1::g.113310::m.113310	1.36	3.00	NO	
	Gene.114597::c16436_BT_Ma_ar_201_g1_i1::g.114597::m.114597	0.82	2.20	NO	
	Gene.116837::c19009_BT_Ma_ar_201_g1_i1::g.116837::m.116837	0.79	0.82	NO	
	Gene.142097::c43512_BT_Ma_ar_201_g1_i1::g.142097::m.142097	0.82	0.44	NO	
	Gene.117195::c19440_BT_Ma_ar_201_g1_i1::g.117195::m.117195	0.85	1.17	NO	
	Gene.138146::c39156_BT_Ma_ar_201_g1_i1::g.138146::m.138146	1.04	1.89	NO	
	Gene.149616::c50233_BT_Ma_ar_201_g1_i1::g.149616::m.149616	1.09	3.22	NO	
	Gene.112958::c14992_BT_Ma_ar_201_g1_i1::g.112958::m.112958	0.76	1.70	NO	
	Gene.113894::c15791_BT_Ma_ar_201_g1_i1::g.113894::m.113894	0.57	0.32	NO	
	Gene.134294::c36182_BT_Ma_ar_201_g1_i1::g.134294::m.134294	0.80	1.28	NO	
	Gene.146351::c47192_BT_Ma_ar_201_g1_i1::g.146351::m.146351	1.09	1.42	NO	
	Gene.15487::c4986_BT_Ma_ar_201_g1_i1::g.15487::m.15487	0.80	0.00	NO	
	Gene.158813::c59871_BT_Ma_ar_201_g1_i1::g.158813::m.158813	1.16	1.68	NO	
	Gene.137596::c38731_BT_Ma_ar_201_g1_i1::g.137596::m.137596	0.97	4.27	NO	
	Gene.140516::c41485_BT_Ma_ar_201_g1_i1::g.140516::m.140516	0.54	0.72	NO	
	Gene.157641::c58310_BT_Ma_ar_201_g1_i1::g.157641::m.157641	0.72	1.97	NO	
	Gene.125096::c27059_BT_Ma_ar_201_g1_i1::g.125096::m.125096	0.81	0.00	NO	
	Gene.132617::c33701_BT_Ma_ar_201_g1_i1::g.132617::m.132617	1.07	0.00	NO	
	Gene.133874::c35490_BT_Ma_ar_201_g1_i1::g.133874::m.133874	0.56	1.53	NO	
	Gene.141222::c42331_BT_Ma_ar_201_g1_i1::g.141222::m.141222	1.09	2.97	NO	
	Gene.147082::c47749_BT_Ma_ar_201_g1_i1::g.147082::m.147082	0.71	1.75	NO	
	Gene.150965::c52010_BT_Ma_ar_201_g1_i1::g.150965::m.150965	0.74	1.97	NO	
	Gene.154986::c55936_BT_Ma_ar_201_g1_i1::g.154986::m.154986	1.02	4.82	NO	
	Gene.114371::c16221_BT_Ma_ar_201_g1_i1::g.114371::m.114371	0.59	2.43	NO	
	Gene.124673::c26406_BT_Ma_ar_201_g1_i1::g.124673::m.124673	0.50	1.10	NO	
	Gene.125945::c28291_BT_Ma_ar_201_g1_i1::g.125945::m.125945	1.01	0.00	NO	
	Gene.133089::c34325_BT_Ma_ar_201_g1_i1::g.133089::m.133089	0.59	2.43	NO	
	Gene.138344::c39317_BT_Ma_ar_201_g1_i1::g.138344::m.138344	0.72	1.35	NO	
	Gene.151941::c53598_BT_Ma_ar_201_g1_i1::g.151941::m.151941	0.65	2.05	NO	
	Gene.156474::c57138_BT_Ma_ar_201_g1_i1::g.156474::m.156474	0.80	1.88	NO	
	Gene.158262::c59097_BT_Ma_ar_201_g1_i1::g.158262::m.158262	0.58	0.00	NO	
	Gene.111601::c14064_BT_Ma_ar_201_g1_i1::g.111601::m.111601	0.60	0.00	NO	
	Gene.116311::c18279_BT_Ma_ar_201_g1_i1::g.116311::m.116311	0.75	5.11	NO	
	Gene.122591::c24117_BT_Ma_ar_201_g1_i1::g.122591::m.122591	0.55	0.00	NO	
	Gene.125403::c27559_BT_Ma_ar_201_g1_i1::g.125403::m.125403	0.59	1.28	NO	
	Gene.126349::c28450_BT_Ma_ar_201_g1_i1::g.126349::m.126349	0.64	5.04	NO	
	Gene.128266::c29630_BT_Ma_ar_201_g1_i1::g.128266::m.128266	0.59	3.85	NO	
	Gene.131259::c32224_BT_Ma_ar_201_g1_i1::g.131259::m.131259	0.59	0.00	NO	
	Gene.135506::c37319_BT_Ma_ar_201_g1_i1::g.135506::m.135506	0.71	2.27	NO	
	Gene.147050::c47723_BT_Ma_ar_201_g1_i1::g.147050::m.147050	0.62	1.50	NO	
	Gene.149245::c49820_BT_Ma_ar_201_g1_i1::g.149245::m.149245	0.63	1.58	NO	
	Gene.151173::c52292_BT_Ma_ar_201_g1_i1::g.151173::m.151173	0.64	0.00	NO	
	Gene.159205::c60618_BT_Ma_ar_201_g1_i1::g.159205::m.159205	0.60	1.35	NO	
	Gene.117452::c19777_BT_Ma_ar_201_g1_i1::g.117452::m.117452	0.44	0.00	NO	
	Gene.671::c216_BT_Ma_ar_201_g1_i1::g.671::m.671	0.64	18.65	NO	
	Gene.134266::c36126_BT_Ma_ar_201_g1_i1::g.134266::m.134266	0.48	1.35	NO	
	Gene.141252::c42369_BT_Ma_ar_201_g1_i1::g.141252::m.141252	0.54	0.00	NO	
	Gene.149203::c49776_BT_Ma_ar_201_g1_i1::g.149203::m.149203	0.50	0.00	NO	
	Gene.117199::c19446_BT_Ma_ar_201_g1_i1::g.117199::m.117199	0.34	0.00	NO	
	Gene.128409::c29745_BT_Ma_ar_201_g1_i1::g.128409::m.128409	0.17	7.33	NO	
Phospholipase A2	Gene.8694::c3153_BT_Ma_ar_201_g1_i1::g.8694::m.8694	23.12	16.70	NO	
	Gene.14173::c4695_BT_Ma_ar_201_g1_i1::g.14173::m.14173	24.69	16.79	YES	
	Gene.64466::c10740_BT_Ma_ar_201_g1_i2::g.64466::m.64466	8.62	5.08	YES	
	Gene.28407::c7179_BT_Ma_ar_201_g1_i1::g.28407::m.28407	5.79	3.82	NO	
	Gene.16555::c5152_BT_Ma_ar_201_g1_i1::g.16555::m.16555	3.90	3.19	NO	
	Gene.30::c29_BT_Ma_ar_201_g1_i1::g.30::m.30	2.06	1.30	NO	
	Gene.64460::c10740_BT_Ma_ar_201_g1_i1::g.64460::m.64460	3.98	1.32	NO	
	Gene.137709::c38815_BT_Ma_ar_201_g1_i1::g.137709::m.137709	2.22	1.81	NO	
	Gene.141097::c42185_BT_Ma_ar_201_g1_i1::g.141097::m.141097	0.50	7.33	NO	
Pimplin	Gene.153232::c54761_BT_Ma_ar_201_g1_i1::g.153232::m.153232	3.09	2.23	NO	excluded
	Gene.127906::c29389_BT_Ma_ar_201_g1_i1::g.127906::m.127906	1.93	1.94	NO	excluded
Serpin	Gene.58837::c10333_BT_Ma_ar_201_g1_i2::g.58837::m.58837	414.34	190.71	YES	
	Gene.58834::c10333_BT_Ma_ar_201_g1_i1::g.58834::m.58834	400.99	61.36	YES	
	Gene.58675::c10321_BT_Ma_ar_201_g1_i1::g.58675::m.58675	265.68	180.00	YES	
	Gene.118611::c21505_BT_Ma_ar_201_g1_i1::g.118611::m.118611	146.46	95.84	NO	
	Gene.22988::c6390_BT_Ma_ar_201_g1_i1::g.22988::m.22988	107.58	59.42	NO	
	Gene.54731::c10000_BT_Ma_ar_201_g1_i1::g.54731::m.54731	95.06	59.91	YES	
	Gene.144723::c46061_BT_Ma_ar_201_g1_i1::g.144723::m.144723	61.22	40.39	NO	
	Gene.15285::c4927_BT_Ma_ar_201_g1_i1::g.15285::m.15285	35.37	18.57	YES	
	Gene.15294::c4927_BT_Ma_ar_201_g1_i2::g.15294::m.15294	34.97	3.61	YES	
	Gene.16505::c5144_BT_Ma_ar_201_g1_i1::g.16505::m.16505	52.37	32.11	YES	
	Gene.3730::c1369_BT_Ma_ar_201_g1_i1::g.3730::m.3730	39.52	25.16	NO	
	Gene.38185::c8389_BT_Ma_ar_201_g1_i1::g.38185::m.38185	36.68	27.16	NO	
	Gene.53241::c9853_BT_Ma_ar_201_g1_i1::g.53241::m.53241	35.20	22.20	YES	
	Gene.53435::c9873_BT_Ma_ar_201_g1_i1::g.53435::m.53435	33.64	22.46	YES	
	Gene.77171::c11601_BT_Ma_ar_201_g1_i1::g.77171::m.77171	18.34	10.83	YES	
	Gene.85340::c12015_BT_Ma_ar_201_g1_i1::g.85340::m.85340	23.26	16.77	NO	
	Gene.4898::c1762_BT_Ma_ar_201_g1_i1::g.4898::m.4898	22.77	15.80	YES	
	Gene.4856::c1737_BT_Ma_ar_201_g1_i1::g.4856::m.4856	44.71	32.72	NO	
	Gene.56324::c10131_BT_Ma_ar_201_g1_i1::g.56324::m.56324	12.42	6.92	NO	
	Gene.62902::c10638_BT_Ma_ar_201_g1_i1::g.62902::m.62902	10.16	4.75	NO	
	Gene.62904::c10638_BT_Ma_ar_201_g1_i2::g.62904::m.62904	9.09	1.42	NO	
	Gene.128031::c29451_BT_Ma_ar_201_g1_i1::g.128031::m.128031	7.64	4.89	NO	
	Gene.56328::c10131_BT_Ma_ar_201_g1_i2::g.56328::m.56328	7.99	1.68	NO	
	Gene.25731::c6773_BT_Ma_ar_201_g1_i1::g.25731::m.25731	8.14	44.53	NO	
	Gene.9684::c3498_BT_Ma_ar_201_g1_i1::g.9684::m.9684	5.01	3.53	NO	
	Gene.9686::c3498_BT_Ma_ar_201_g1_i2::g.9686::m.9686	5.47	8.24	NO	
	Gene.154294::c55412_BT_Ma_ar_201_g1_i1::g.154294::m.154294	7.11	11.96	NO	
	Gene.127011::c28805_BT_Ma_ar_201_g1_i1::g.127011::m.127011	1.58	1.04	NO	
	Gene.12678::c4392_BT_Ma_ar_201_g1_i1::g.12678::m.12678	5.38	42.74	NO	
	Gene.7646::c2693_BT_Ma_ar_201_g1_i1::g.7646::m.7646	4.07	16.03	NO	

	Gene.120116::c22267_BT_Ma_ar_201_g1_i1::g.120116::m.120116	1.20	1.05	NO	
	Gene.2430::c891_BT_Ma_ar_201_g1_i1::g.2430::m.2430	2.23	10.63	NO	
	Gene.147289::c47907_BT_Ma_ar_201_g1_i1::g.147289::m.147289	1.91	1.99	NO	
	Gene.5423::c1979_BT_Ma_ar_201_g1_i1::g.5423::m.5423	0.61	1.42	YES	
Sphingomyelinase	Gene.74976::c11487_BT_Ma_ar_201_g1_i1::g.74976::m.74976	72.60	40.38	YES	
	Gene.88773::c12201_BT_Ma_ar_201_g1_i2::g.88773::m.88773	32.48	18.89	NO	
	Gene.44686::c9056_BT_Ma_ar_201_g1_i2::g.44686::m.44686	26.49	3.88	YES	
	Gene.44697::c9056_BT_Ma_ar_201_g1_i3::g.44697::m.44697	26.49	3.88	YES	
	Gene.44713::c9056_BT_Ma_ar_201_g1_i5::g.44713::m.44713	26.49	3.88	YES	
	Gene.44674::c9056_BT_Ma_ar_201_g1_i1::g.44674::m.44674	25.61	3.37	YES	
	Gene.73701::c11407_BT_Ma_ar_201_g1_i1::g.73701::m.73701	15.81	9.62	YES	
	Gene.88779::c12201_BT_Ma_ar_201_g1_i3::g.88779::m.88779	18.10	5.34	NO	
	Gene.88782::c12201_BT_Ma_ar_201_g1_i4::g.88782::m.88782	18.10	5.34	NO	
SVWC-domain 1 (Asilidin8)	Gene.24709::c6613_BT_Ma_ar_201_g1_i1::g.24709::m.24709	648.70	758.92	YES	
	Gene.24713::c6613_BT_Ma_ar_201_g1_i2::g.24713::m.24713	648.70	758.92	YES	
	Gene.58952::c10343_BT_Ma_ar_201_g2_i1::g.58952::m.58952	216.29	334.54	YES	
	Gene.112586::c14704_BT_Ma_ar_201_g1_i1::g.112586::m.112586	16.19	16.14	NO	
	Gene.29303::c7294_BT_Ma_ar_201_g1_i2::g.29303::m.29303	10.44	15.71	YES	
	Gene.23018::c6396_BT_Ma_ar_201_g1_i3::g.23018::m.23018	2.63	5.19	NO	
	Gene.140587::c41569_BT_Ma_ar_201_g1_i1::g.140587::m.140587	1.15	2.15	NO	
SVWC-domain 2 (Asilidin9)	Gene.38622::c8439_BT_Ma_ar_201_g1_i1::g.38622::m.38622	45.56	28.41	YES	
	Gene.38630::c8439_BT_Ma_ar_201_g1_i2::g.38630::m.38630	45.56	28.41	YES	
	Gene.33189::c7791_BT_Ma_ar_201_g1_i1::g.33189::m.33189	35.20	34.60	YES	
	Gene.4113::c1462_BT_Ma_ar_201_g1_i1::g.4113::m.4113	9.47	8.45	YES	
	Gene.12475::c4361_BT_Ma_ar_201_g1_i1::g.12475::m.12475	2.74	2.64	YES	
Venom acid phosphatase-like	Gene.75102::c11491_BT_Ma_ar_201_g2_i1::g.75102::m.75102	53.77	33.34	YES	
	Gene.50677::c9620_BT_Ma_ar_201_g1_i1::g.50677::m.50677	33.83	23.52	NO	
	Gene.70606::c11198_BT_Ma_ar_201_g1_i1::g.70606::m.70606	28.22	8.45	NO	
	Gene.70612::c11198_BT_Ma_ar_201_g1_i2::g.70612::m.70612	28.22	8.45	NO	
	Gene.42899::c8888_BT_Ma_ar_201_g1_i1::g.42899::m.42899	13.62	7.11	YES	
	Gene.120657::c22646_BT_Ma_ar_201_g1_i1::g.120657::m.120657	1.41	0.45	NO	
	Gene.138450::c39425_BT_Ma_ar_201_g1_i1::g.138450::m.138450	1.14	2.41	NO	