

Locus tag	HE gene number	HM gene number	LG ^A	Brood ^E	Pop ^C	Probe ^D	Pos ^E	Primer	Intron	GB Acc.G
<i>Gn47</i>	HEC0300001	-	HEC03	yes	no	yes	1	GACGCGTGAAGAAATTC AATTCCG GTACAACACGCGACTGTTGTGAG	yes	in submission
<i>Cytadhesion</i>	HEC0300002	-	HEC03	no	yes	yes	91,726	GGCCTATACCCAACGTTGAG AGCGTAGTACCAATACCCAATG	no	in submission
<i>Gn12</i>	HEC0300003	-	HEC03	yes	no	no	109,416	GGATTGTCAGTCGCAAGTCA GGATTCGCGGTGAACTAAG	yes	in submission
<i>Dna-J</i>	HEC0300004	HM01006	HEC03	yes	yes	yes	165,009	GTGCTCGGTGTCACAAGAGA CTTCCAAAGCCATCTTGCAT	no	in submission
<i>3P</i>	HEC0300005	-	HEC03	no	yes	no	237,736	GCCATTTCTATCTGCATACC CAACCATCGCTTTTAGTC	yes	in submission
<i>Slu7-exon9</i>	HEC0300006	HM01019	HEC03	no	yes	no	283,611	AAGCTCTGAAAGCAGTTCCGAC TTAACATGCCTTCTTCAGTTTG	no	in submission
<i>Slu7-exon2</i>	HEC0300006	HM01019	HEC03	no	yes	no	287,640	GGAGCAAATTCACAAGTGCAG TCTTGGCTCTCAATTCCCT	no	in submission
<i>kinesin</i>	HEC0300007	HM01018	HEC03	no	yes	no	299,335	TTTATTGAACCTAGGCCACC AGTTAAGTCTATCAGCACCTCT	no	in submission
<i>GPCR</i>	HEC0300008	HM01017	HEC03	yes	yes	yes	309,248	GTTACACATGCCCGGTGATAA CGTCTCTCAGCCTCATTG	no	in submission
<i>Abhydrolase</i>	HEC0300009	-	HEC03	no	yes	yes	322,422	GCCATAAATCAACTGTTTCTG GGTTTGTGGCAAGTAATCC	yes	in submission
<i>VanGogh</i>	HEC0300010	HM01038	HEC03	yes	yes	yes	513,028	TAGCTTGTGCCTTCTCTGAGA GGGATGGGCAAGAAGTTA	no	in submission
<i>Gene 6</i>	HEC0300011	-	HEC03	no	yes	yes	517,433	AAGACTTGTACGAATGGCACCT AAGCTCCGAAATCAGAAGA	no	in submission
<i>THAP</i>	HEC0300012	-	HEC03	yes	yes	yes	552,580	TACCAAAGCAATGATGAACG AGCTCAACGACACTTTACAGGA	no	in submission
<i>Gene 18</i>	HEC0300013	-	HEC03	no	yes	no	579,264	AACGACCGAGCACCTACCATTA GTCTTCTAAAAGTCCCATCGC	no	in submission
<i>Has1</i>	HEC0300014	-	HEC03	yes	yes	yes	1,442,402	CTAGAAGCCAAATCTGTCGCAAAT TTCAGGTCGTGCCACATGA	no	in submission
<i>D23/24</i>	-	-	HEC03	yes	no	no	1,751,244	AGTACTAAGTCTGAGCACGTGTGA CCATTCTAAGCACCGATAACA	NA	in submission
<i>Forkhead</i>	HEC0500001	-	HEC05	no	yes	no	1	TTGCGCTAAATTAATAAAACGGTA TCATCATGCACATAACATCAGG	no	in submission
<i>BESS</i>	HEC0500002	-	HEC05	no	yes	no	54,672	GAACTCCGACAGCGTTTCAG ATTCTACGGAGCCCTCCAC	no	in submission
<i>Trehalase (A)</i>	HEC0500003	HM00004	HEC05	no	yes	no	66,809	TGTACTCTCCACCACCACCA	no	in submission

								AGATTACCCTGGCGGTATCC		
<i>Trehalase (B)</i>	HEC0500003	HM00004	HEC05	no	yes	no	67,583	CGGTCCTGCTGGTTCTATTC TGCCATATTTTGAAGAGCATTT	no	in submission
<i>B9</i>	HEC0500004	HM00007	HEC05	yes	yes	yes	104,621	CGGGAATCTGAAGTAACAAA ACTAGCTGAGGCCCTATTA	no	in submission
<i>WD40</i>	HEC0500005	HM00010	HEC05	no	yes	no	130,877	ATTATAAGCAGCTATCCACGC AAAGCAGCCGACCAAC	no	in submission
<i>Unkempt</i>	HEC0500006	HM00013	HEC05	no	yes	no	177,423	CTGCAGCGGCGTCTGACAGTAG CACCGTGCTGCAAGAGGTC	no	in submission
<i>RecQ</i>	HEC0500007	HM00017	HEC05	yes	yes	no	190,761	TGCTACAGCTCATGTTCTGTCTG CCTTTTGTCTGAATGGAAGTGGT	no	in submission
<i>Invertase</i>	HEC0500008	-	HEC05	yes	yes	no	201,977	CCCATCTATCACATAACCGCTCCT CCGAGCCACGCGATAAGAA	no	in submission
<i>LRR</i>	HEC0500009	HM00024	HEC05	yes	yes	yes	249,391	CGTGAAGTACCGACTGTTGTAC CATAATTTCTCAGGGAGCATA	no	in submission
<i>Gn71</i>	HEC0500010	-	HEC05	yes	no	no	292,390	TATTGCGAGTTGAGCTGTGG ATGCGCCATTTCCAGTTAAG	yes	in submission
<i>HEAT</i>	HEC0500011	-	HEC05	yes	no	no	~500000	CACTTTCGGAACGGATCAGT CGCGGTGCACTCGAACAATAT	no	in submission
<i>RNU3</i>	HEC0500012	-	HEC05	yes	no	no	~650000	CGTCTAACCTCGAAAATG GTGCTCCTGCCCTATAGCTG	no	in submission
<i>Caspase</i>	-	-	HEM20	no	yes	no	NA	AATGCCTGTGGAAGAAACG ACCAGAGGGTGTGTCAGGCTTA	no	in submission
<i>SUZ12</i>	-	-	HEM07	no	yes	no	NA	ACGAGTTCACGGATGTCA ATATGGAGGACCGTTTGC	no	in submission
<i>Wingless</i>	-	-	HEM01	no	yes	no	NA	CCCAGTTTTAGATCTGTCTG TCTCGGTCCGGTATCCGCG	no	in submission

A = linkage group for each marker from [33-35]; B = locus used in pedigree-based linkage mapping; C = locus used for population sampling; D = locus used for BAC library probing; E = approximate location of locus along BAC tile path; F = forward and reverse primers used for PCR amplification and sequencing; G = Genbank accession numbers.