

Supplementary Table 1.

Marker	Position	Primer F	Primer R	Comparison
<b>D11Mit340</b>	<b>23133495</b>	<b>CTCAGAAAGCGTCAAGGTCC</b>	<b>CTTTCTGACCTCTGAGATAATCTGC</b>	<b>NOD#NOR</b>
<b>D11Mit230</b>	<b>27895981</b>	<b>ACAAAATGTCACTCTGAAATGCC</b>	<b>TTGTCAGGGAAGGTGAGACC</b>	<b>NOD#NOR</b>
<b>D11Mit135</b>	<b>33561320</b>	<b>GCATCTGCAGAGGAGGTTTC</b>	<b>AAATGGAATTTAGTAAATGGGAAGG</b>	<b>NOD#NOR</b>
<b>D11Mit51</b>	<b>36185781</b>	<b>CCAAACAGGGTCTGTTTTATTC</b>	<b>TAACAGGGTGAGTTTGTGAAACA</b>	<b>NOD#NOR</b>
<b>D11Mit217</b>	<b>37327471</b>	<b>ACTGGAAAATATGTTTTAAACCTCTG</b>	<b>AAATGGGATTCTGCAAAAACC</b>	<b>NOD#NOR</b>
<b>D11Mit310</b>	<b>53927607</b>	<b>GTGCACTTTCCATGCCTGTA</b>	<b>GAGTAGAAAGAGACAGAGAAAGACACA</b>	<b>NOD#NOR</b>
<b>D11Mit164</b>	<b>56726033</b>	<b>TCTGAGCAAATAAAGTGAAAGGG</b>	<b>TCGGGGGATAGAAGAATGC</b>	<b>NOD#NOR</b>
<b>D11Mit157</b>	<b>61718110</b>	<b>GATTATCTACACCACATCCTATAAGCC</b>	<b>CCAGTACTTTGGTGATCACTTGG</b>	<b>NOD#NOR</b>
<b>D11Mit177</b>	<b>64938396</b>	<b>GTAATGGTTATCACAGGAAGTTTGG</b>	<b>ACCCAGTCTGCAACATAACC</b>	<b>NOD#NOR</b>
<b>D11Mit113</b>	<b>66275797</b>	<b>AACACACAGGTATGTGTGCACA</b>	<b>GGCGCAATTATCAGGTG</b>	<b>NOD#NOR</b>
<b>D11Mit4</b>	<b>68334899</b>	<b>CAGTGGGTCTCAGTACAGCA</b>	<b>AAGCCAGCCAGTCTTCATA</b>	<b>NOD#NOR</b>
<b>D11Mit368</b>	<b>68764602</b>	<b>AGAATTCCTTCTGCAACTGC</b>	<b>CGCTGTAATCTAGCCTTCA</b>	<b>NOD#NOR</b>
D11Gul2418	68839619	CTACCAGACACCATCTCCC	TCTTCCTTTTTGGCACACC	NOD#NOR
D11Gul2420	68849219	CCTCCTCCGGCTTACG	CTATGACGCTCCGCCC	NOD=NOR
D11Gul2423	68875931	AACAAACTGTGCAAACTGG	CCCTAGAGTTTCTTAGCGC	NOD=NOR
D11Gul2427	68887507	GTGCAGAATTTCCACTTGC	TGAACCTCACCTGGCATGC	NOD#NOR
D11Gul2437	68971615	ATTTGTGGAATCCTGCTGC	TGGATCAGTCTCAAGCAACC	NOD#NOR
D11Gul2446	69056367	GAGTGCTGCAGAAATCATGG	GACTGGTTCATGAGGCAAGG	NOD#NOR
D11Gul2447	69076926	GCCTGTGTACGTTCCAC	TGACCAACACAACCTCCG	NOD#NOR
D11Gul2451	69095641	TTAGTGACACAGATTAATACATTTTCC	TGAGCATGAGTACTGATTAATACCC	NOD#NOR
<b>D11Mit298</b>	<b>69252004</b>	<b>TAGGCATGGTGGTACATACCTT</b>	<b>GGTCTCACTATGTAAGCCCTGGT</b>	<b>NOD#NOR</b>
D11Gul2481	69297127	TGCATGAAGCCTTATGTCCC	CATTCTGCAGCTCAGAGTGG	NOD#NOR
D11Gul2483	69323180	CTGTGCAGGAAGATGGTAGC	AACCTTAGGCATTCAAGGC	NOD=NOR
D11Gul2484	69338738	GAGTAAAGAAATTGGAGGCTGG	TGAGTCTCACTATGCAGCCC	NOD=NOR
D11Gul2486	69346195	CACACACCTTTGACCCTAGC	GCTGTCTGTGCAGTTGTGC	NOD=NOR
D11Gul2493	69440095	CAACACCCCTTTCTCACCC	AGACAGGTGCTGACTTCTGC	NOD=NOR
D11Gul2502	69476875	GTGTGTATGTGTGAAGCTGGC	AAGGATATAAGGACCTCATGTGG	NOD=NOR
D11Gul2505	69492415	TTGTTTTCTGCATAGCTGGC	CATCAGGACGACAGAAATGG	NOD=NOR
<b>D11Mit30</b>	<b>69519643</b>	<b>GCTGTGAACAAGTAGGGTC</b>	<b>CCGTCAATTGCTAAAGGGAAG</b>	<b>NOD#NOR</b>
D11Gul2518	69533455	TGCTGAGTCCCTCAAGTCC	TCCATATCTCCAGTTCGAAGG	NOD#NOR
D11Gul2522	69557395	AGGCAGCAGAGTATCATGACC	TCCACTCTACGCCTTCCC	NOD#NOR
D11Gul2523	69567835	CCTTTTTGAAGCAGGTCTCC	GACCTCTGTGAGTTCACGGC	NOD=NOR
D11Gul2524	69569515	ATGTGCTTGCCCCACT	ACCCAAATGGATTCTTCTAAC	NOD=NOR
D11Gul2525	69581755	GCAAAACCCCTTGTGGGTA	GGGCAGAGTGTGAGTGTCTAA	NOD#NOR
D11Gul2526	69583315	AGTGCCCTCCACCACCTA	TTGAGCGCATGTTCTGATTG	NOD#NOR
D11Gul2527	69589573	GCAACAGAAAAGATAGCAGCA	CATGGCCAAGATGAGAGAAA	NOD=NOR
D11Gul2528	69596384	TTGATAGCTAGTCTTTGGGTGGT	GCAGTGGGAACAGTGTATC	NOD#NOR
D11Gul2529	69598544	CTCAGGTCGGATATCTTATAGCA	AAGATTCTGTATGCGACAGTAC	NOD=NOR
D11Gul2531	69618252	CCTCCTCCCATGCATTACA	AGTGCTGTCTGTGCTGTCTATC	NOD#NOR
D11Gul2533	69619512	CATGTGACCCCTGTCTCAAAAA	ACAGAAGAGAAAACCTGCCT	NOD#NOR
D11Gul2534	69654965	ACCCGAGAAGTACATAGTGC	GAGCAGCCAGTATGCTTAACC	NOD=NOR
D11Gul2535	69674039	GGTAGCGGTAACCTCCAGCAG	GGAGCCTAACGTGGGAACCTA	NOD#NOR
D11Gul2536	69678781	TGAAAGATGTGGGATTGTGG	ACTTTCAGTTCCTTGTCTGG	NOD=NOR
D11Gul2537	69684175	ACCCAATCAATTATCACCCAG	TGATGTACGAAAACCTACCAACTG	NOD#NOR
D11Gul2538	69689695	CTACTGGGCTCCAAGGGTC	TCTGCTCTTCTGCATTTTTA	NOD#NOR
D11Gul2539	69742114	AGCAGTCAAGTCTTTTAACCC	TGTGTTCACTCCAGTGTCC	NOD#NOR
D11Gul2560	69834962	TTTTGTGGGACACTAAGCAGG	CCACTTCTTAAGTGAGCTGTAGC	NOD#NOR
D11Gul2583	69960388	TGTAGAGCGAGGGTATGGG	AACTGGTATCAGACACCTGGG	NOD#NOR
D11Gul2602	70051125	GCAAACCATGCCATACCC	TTCTTGTCTGCACTCCC	NOD#NOR
D11Gul2616	70105360	CTTACACAGCAATGGGAATAGC	TGAGTCTCTATGGATTTTGGC	NOD#NOR
D11Gul2622	70137385	CAGTGAGCTAAATCCTGGTCC	AAATCTCCTTCTCCATGCC	NOD#NOR
D11Gul2625	70173212	GTTTTCTCCTCAGCTATCTGG	AGAGCAAGCAGAAAACAGGC	NOD#NOR
D11Gul2629	70204048	ACTCACATGCACCCACTCC	TTGGTTTAGTCAAGTTCAAGGG	NOD#NOR
<b>D11Mit90</b>	<b>70225299</b>	<b>TCTCCAGCCCTTCATTATG</b>	<b>TGCCAAAACCCATGAGAC</b>	<b>NOD#NOR</b>
D11Gul2634	70236743	AATCTGTGCTCTCAAGGAAGC	TCCCAGAACACATACACATGG	NOD#NOR
D11Gul2636	70260743	AGTGCTGTTATGGTCATGG	TTACCTGATGTTAACCTTGGC	NOD#NOR
D11Gul2647	70352003	GTTACTCAGTCCCTCAAGATGGG	GATTCCTGTCTGTCTTCTGC	NOD=NOR
D11Gul2657	70418600	CATCTTTTTCTTCTGGACTATAGC	TCTTTGGGTTCTGTGGGC	NOD#NOR
D11Gul2671	70487563	ATGCACACAGATCAATGG	CCTGCATAAAAACAGTGGCC	NOD#NOR
D11Gul2694	70756212	CCCTCTCTTACCATGTCCC	AGCCATATTTGAGGTATCTCG	NOD#NOR
D11Gul2695	70822815	CACAGCTCTAGTTCCTGGGA	AAGGCGTCTCACATAGCATC	NOD#NOR
D11Gul2700	70869799	CCACCCCATGTAATAGCATAG	TCTCTGAATGATGAGGCAT	NOD#NOR
D11Gul2712	70951613	GCAACTTGGCCTACTGC	TGGCTCTCCCATGTAAGC	NOD=NOR
D11Gul2721	71063266	TTTGAAGTCAACCCACTTCTG	TGTACTTCTAAAAGGCTTCTGAG	NOD#NOR
D11Gul2726	71081875	AAATGGGATAGAGGCCCTTA	GTAGGTACACATATCTCCACATG	NOD#NOR
D11Gul2731	71117814	GGTGTATTAGATTCCTCGAA	AACCAGCACAATGTCTTAAGAC	NOD#NOR
D11Gul2736	71172686	TCCATGACAGAACAGAGAAAACA	TCTGTCCAGGTCAACCACTACTC	NOD#NOR
D11Gul2741	71200342	ACCACCCAGCAGCTTAATTT	TTATTAGCCATGGGTTCA	NOD#NOR
D11Gul2746	71253897	AGAGAAGGAGCAGGCCAG	GCATACATGTGTGGGAGCA	NOD#NOR
D11Gul2751	71261946	CGCATCTGCATCTTAAAGC	AGTGGCAGCATACAGGCAT	NOD#NOR
D11Gul2756	71291045	GAAGACAGCTCTGATTTCTCTCA	AGTAAGGATGACCCAGAAAACA	NOD#NOR
D11Gul2761	71334485	GAGGTCTCACCCAGGAAGA	ACCTTAGTTACCTTCTGGATCC	NOD#NOR
D11Gul2766	71364309	GGCTCTAGTTGTAGCTATCAGAG	GACATTTCCAGAGAAAAGG	NOD#NOR
D11Gul2850	71743207	ACGCTAATTGCCAGGTAGG	AAGTTCAAGTTCAAGTGTGAGAGCC	NOD#NOR

D11Gul2879	71924554	CTACTCCAGTGACCAATATTTTACC	GACGTTCTGAACCAAGGGC	NOD=NOR
D11Gul2883	71939854	GCCGATTTCCAGCATCAT	TTGGAACAGGGGCTCATT	NOD#NOR
D11Gul2887	71948314	TTTTCTGGCCCCCTTTATACC	GAAGCCACAGTAAAACTCTGG	NOD#NOR
<b>D11Mit364</b>	<b>71958449</b>	<b>TTGGGTGCCCTTAATCTCTG</b>	<b>GAGCAAGGTCAAGTAAAGTAGAATTG</b>	<b>NOD#NOR</b>
D11Gul2899	71998548	AGCAGAGTGAAGAGCTACAATAGG	CTCAAATTTATGGTCTTCCCG	NOD#NOR
<b>D11Mit219</b>	<b>72044462</b>	<b>TTGTATGTATAGATGCATTTGAATGG</b>	<b>GGTTTGTATAAATTTCACTCTGTGC</b>	<b>NOD#NOR</b>
D11Gul2907	72066941	GAACCCGGTTCCACTCC	CCTGGGCTACATAGTGAGGC	NOD#NOR
D11Gul2917	72103599	AATTCAGCAACCACATGG	CCAGGCTTCTGATCTCTTCC	NOD=NOR
D11Jyh522	72136258	TGCAACATGAGTCCCAA	CCGATGAGTTGCCTCTGT	NOD#NOR=DBA=BKS
D11Gul2936	72161793	TTTCCTACCTCTGTCTTTGC	AACCCCAAGAAGACCAAGG	NOD=NOR
D11Gul2939	72200790	ATTGGCAAGGTGACTTAAAGC	TGGCCTCTATGACCTTCTCC	NOD=NOR
D11Jyh548	72236138	TGCATGGGCACCTGCAC	TTCTTACCTCTCTCTCTTTT	NOD#NOR=DBA=BKS
D11Gul2952	72272318	AAAAATTATTAGCCGGTGG	ACATAGAGATTCAAGGCCAGC	NOD=NOR
D11Gul2966	72391529	TCCATATCTCAATCTCAGCCC	AGAGTGAGTTCGAGACAGCC	NOD=NOR
D11Gul2978	72489607	GAGCATCTCTAGCCCTGC	GCAAGTGGGTTAGTACACAG	NOD=NOR
D11Jyh582	72568517	GGAAGATGGTTGACCCACAG	CTCTACCTCTGCAAAAAGCA	NOD#NOR
D11Jyh598	72706982	CCATTACCCCTAGCCTACATT	GTTCAAGATCAGCTTGAAGCC	NOD#NOR=DBA=BKS
D11Gul3004	72732842	GGTCCATCCTCAAGTTCG	AGGAGTGCAGTAGCAAAAGCC	NOD=NOR
D11Gul3008	72760061	CCCAACCCAACTGTAAGC	GCAGAGGCACTCAGTCCC	NOD#NOR
D11Jyh608	72760171	CCCAACACCAAACTGTAAGC	G27GAGCCCAAGAAAACA	NOD#NOR=DBA=BKS
D11Gul3010	72774618	TGGTGTGGCCTAGTAGGG	CTTCACATCTCTGGCC	NOD=NOR
D11Jyh611	72807577	GGTTCATCTGTGCCATGGTA	GTTCTAAGGGCAGCCAGG	NOD#NOR=DBA=BKS
D11Jyh616	72845534	ATGATTTTGTGCTGTCCCA	GAGGCGGAAGACTTAAGCTG	NOD#NOR=DBA=BKS
D11Jyh618	72848262	CACAGAGAAACCCTGTCTCAA	GCGCTGACTAATTTCTGTCA	NOD#NOR=DBA=BKS
D11Gul3023	72878798	CCTCTGCAACCTGAGATGG	GGAAGGGTTTGCAAGG	NOD#NOR
D11Gul3025	72888744	TGACTTCCAACCTGTACTGACC	TCTGGAAGAGCAGTCAAGTC	NOD=NOR
D11Gul3027	72923007	TGGTCAAACACAACTAGGC	AGCAGGACTACCTCAGACACC	NOD=NOR
D11Gul3034	72971144	AATTCATTGTCTCTGTGCTTCC	GAAAGGACAGAGATGACCCC	NOD=NOR
D11Jyh629	72971220	CTTGACAGATGCCATGATAA	TTTTCTGATCTCCATGTGCAC	NOD#NOR=DBA=BKS=B6
D11Jyh630	72987019	GCTGGTGTGTTGCTACGTGTTT	TCCTCCCAAGGTACTTTTTG	NOD#NOR=DBA=BKS=B6
D11Jyh634	73015769	CTGAGGATGAAGAATGCTGG	TGAGGTGGGAAATGATTGAA	NOD=NOR=BKS=DBA=B6
D11Jyh638	73036973	TGGCTTAGCTCTTCCCA	TGAAGCAGGAAGCAAATGAG	NOD=NOR=BKS=DBA=B6
D11Gul3046	73048023	TCCCAACACTAGGGAGGC	GAAACTGTGTGTAACCTGCTCC	NOD=NOR
D11Jyh641	73078225	ACTATGGTGGCGTGGAGTTA	TCGTCTTCTCAAATTTGGG	NOD=NOR=BKS=DBA=B6
D11Jyh642	73081519	GCTCTACAGACACTTATCATTTGC	GTGAGAGTCTTGTCTCAATGG	NOD=NOR=BKS=DBA=B6
D11Jyh643	73114922	GGCCACTTAGATAAATAAGTAGC	GTCATGCTGTGACATAGCC	NOD=NOR=BKS=DBA=B6
D11Jyh647	73145922	TGATGAGTCCATTATCCAATCC	TTCCCACTTACCCAATTCC	NOD=NOR=BKS=DBA>B6
D11Jyh351	73361480	CCCAGTATCATTCCATGTTCC	AGTGCAGAGCCTTCAATGC	NOD=NOR=BKS=DBA=B6
D11Jyh345	73391476	CATGGAAGAAGGGATGGG	GGATGATGTGTTGATATATGGC	NOD=NOR=BKS=DBA=B6
D11Jyh339	73472434	TTTGCCAGTTTGTATCCCC	TGAGCCAAACTTGCATCC	NOD=NOR=BKS=DBA=B6
D11Jyh338	73484995	TCCAGAAAATCCTTAGAACAGG	TGTTGGATAGAGGAAATATATGC	NOD=NOR=BKS=DBA#B6
D11Jyh336	73498558	GTAAAGATATAATGAAGATGGATTG	AGCCTTTCTACATGGACTCTGT	NOD=NOR=BKS=DBA=B6
D11Gul3089	73575682	TGAGGACTCCAATATTCTCG	TTGGATCACTTGAAGTTTCTCC	NOD=NOR
D11Jyh324	73649016	CGTGCATGTGTGCTCTCTT	TGGCCACGTGATTTAACATT	NOD=NOR=BKS=DBA=B6
D11Jyh318	73764434	CACCTTCTCTTCTGCCCC	TTCAAAGATATGGTCTATGTACC	NOD=NOR=BKS=DBA#B6
D11Gul3106	73782518	GGGCTTGTGTGATATTCCC	TGTAAGTCACTGTAATATGGTGC	NOD=NOR
D11Jyh313	73837393	GTGCAGTTTTGAATGTGTTGC	CAAATGATGCAAGATGTCAACC	NOD=NOR=BKS=DBA=B6
D11Jyh310	73917538	CCATCTTCAAATAGGTCAAATTC	CAGATTCCTTTAGTTAACCCAGG	NOD=NOR=BKS=B6
D11Jyh307	73974981	AGTCTAACCAAGCTAGTGTCTCC	ATCCCAGAAACCAACTGC	NOD=NOR=BKS=DBA
D11Jyh306	73988252	GTCCCTTTTTTTCATTAATTTCTCT	TTCCAAACGATGAACTGAACAAG	NOD#NOR=DBA=BKS
D11Gul3116	73988354	GGCATCATGCTTCTAACC	TTACATCATTTTCCCTGTCC	NOD=NOR
D11Gul3121	74027098	AATAGAGGCTGCATGACTTCC	TTTCTTTTCTCAAACCTTCC	NOD=NOR
D11Gul3123	74061465	TGCCAATGGTTTAAACAAAGG	AAAGTTAGTTCTTGTGCTGTGG	NOD=NOR
D11Gul3132	74144489	ACTGCCTCATTTCATAACAAGG	GTGCTGGGAATCAAACCC	NOD=NOR
D11Gul3172	74472911	ACCTTCTGGCTTCTGAGAGC	AATTCTCATAAAGTGCCGAGC	NOD=NOR
D11Gul3179	74503877	TTTGTCACTGAGCTATTCCC	AACAACAATGCACACCCG	NOD=NOR
D11Gul3189	74650116	TTTTGGTTTTTCGAGACAGG	AGAAAATGCCGGGCG	NOD=NOR
D11Gul3198	74766048	AAATAGGGCCAGCAATATGG	GTTCAGAACAAAAAATAAGCG	NOD=NOR
D11Gul3215	74926448	CTGGAACAATGCAGTGCC	CATGCTAGTGGATGGGAGC	NOD=NOR
D11Gul3236	75095749	CAACAAGGCTCCACCTCC	CCTCAATTCAGATTACATCTCTCG	NOD=NOR
D11Gul3241	75140395	ACTGTGGCCTTACAGATCTCC	TCAGATCCTTCTCTTGG	NOD=NOR
D11Gul3244	75180959	GCAATAAAACCACTTGTGTGC	GAACCATCTCTTCTCTTCC	NOD=NOR
D11Gul3246	75195563	AAGTTTTCTCTTCTGTACGCC	CTCTAATTCCTGACGTAATGG	NOD=NOR
D11Gul3255	75327195	GATGGAGCTGCTGATGTAGC	CCAAGTCTCTGCAAGAGC	NOD=NOR
D11Jyh164	75329443	TTCCATGTACACACCATCACA	TGTTTGGGATGTTGCAAAAT	NOD#NOR
D11Gul3262	75388935	AGCAAACCCTGTCTCAAAAAACC	AGCAACAATGCTCAAGGC	NOD=NOR
D11Gul3265	75418935	GCTTTCATCAGGCCTTGG	TGGCTTCTCTTTATCAAACC	NOD=NOR
D11Gul3269	75470261	TCAAAGCTAACCCAAGTTTCC	GGTTCAGTCTCCAGCACC	NOD=NOR
D11Gul3276	75524213	CAGAGGCTGTCGTTGTGG	ACCCCTCTTCTGTCCCC	NOD#NOR
D11Jyh134	75554436	CAGGAGATGCAACCCAC	TCTCTCCAGCCCTCATTTTT	NOD#NOR=DBA=BKS
D11Gul3307	75689058	GGATTTACAGACAGCTGGAGC	AGACAAGGATGCCATGGG	NOD=NOR
D11Gul3325	75763372	AGGAAGCTGTGAGGCAGG	AGCTCTTCTCCACTAGCC	NOD=NOR
D11Gul3329	75784798	AGAAGTATGAGTGAGGCAGCC	CAAGCCATGATGTAGTAGAGG	NOD=NOR
D11Jyh107	75860300	GCCCAGCTCAAACCCATA	CTATAGCCACAGGGCACAAA	NOD#NOR=DBA=BKS
D11Jyh104	75961098	CAAGCATGTGCCTGGCT	CTCTGCTCTCTCTTTTGTAT	NOD#NOR
D11Jyh96	76227476	AATCTCTTACCCACCCCT	TGAAAGTGTGAGCATGCGT	NOD#NOR
<b>D11Mit322</b>	<b>76304982</b>	<b>TGCTCTGCATACCCCTTTG</b>	<b>GATTAAGTACAGGCAACTGCAGG</b>	<b>NOD#NOR</b>

D11Jyh93	76341433	CTGGAAGCCTGTCACTTGG	ACACATCCCTGTATGCAAGG	NOD=NOR=BKS=DBA=B6
D11Jyh86	76471657	TGTTGTGACAGGTGGAGTGTAT	TCTTCTGGTCTCTTCAGGCAT	NOD=NOR=BKS=DBA=B6
D11Jyh85	76533356	ACCACACTGGCCCTGC	TTCCTGAAAGGTGTCTTCTGACC	NOD=NOR=BKS=DBA=B6
D11Jyh83	76611749	GATCTTCAATGGAACAGCTTGT	TCCCCAGAACCTTAAACCTC	NOD=NOR=BKS=DBA=B6
D11Jyh82	76622757	CCAGAGCATTGGGAAAGC	ACTGCAACCAGATCTTGGG	NOD=NOR=BKS=DBA=B6
D11Jyh81	76656103	AGTGGAACAGTAAGTAAGAGGC	CGGCCAAGATTTAGTCAAAT	NOD=NOR=BKS=DBA=B6
D11Jyh80	76670434	TACACATTCTGGGCTTCGC	TGCAGTGGACTCTCCCG	NOD=NOR=BKS=DBA=B6
D11Jyh79	76693500	TAGACCCAGTTTCTGAGTCAAACCTA	TAACACACTGCCTCTGAATGAA	NOD=NOR=BKS=DBA=B6
D11Jyh68	77045642	CACACCAGTCTTCAAAGCTTG	CGGATTTCTGAGTTCGAGG	NOD=NOR=BKS=DBA=B6
<b>D11Bhm149</b>	<b>77408880</b>	<b>CTAGTATCTGTTTTTCTTCCCT</b>	<b>ACAAACAAAAGCCAAAACCCT</b>	<b>NOD=NOR=BKS</b>
D11Jyh57	77414820	CAACCAAGGAAAGAACTTTTACC	AATCCACTGCTTCTGCC	NOD=NOR=BKS=DBA=B6
D11Jyh55	77451939	CCCTGGAAACCCACTTGG	TGGTGGTTATCACTTGTGTGTG	NOD=NOR=BKS=DBA=B6
D11Jyh53	77504183	TCACCAACTACCCACTGGC	GGTCCCTTCAATGCC	NOD=NOR=BKS=DBA=B6
D11Jyh50	77557429	TCCCCCTTAGACTGAATTTGG	CTAGGGCACTTTATACCCTTC	NOD=NOR=BKS=DBA=B6
D11Jyh46	77686785	CTCCTCCCTCACCCCTGG	TTTTGTGGTCTCAGTTGGG	NOD=NOR=BKS=DBA=B6
D11Jyh45	77706471	TTGAGGACTGTAAGTCAAAGGG	TTGTGGCCATAGCAACG	NOD=NOR=BKS=DBA=B6
D11Jyh35	78174712	GGCTCACAGCCATTTAACC	TGGACCTACTAAGGAAGCCC	NOD=NOR=BKS=DBA=B6
D11Jyh29	78454961	GAGACCTGTCTAAAATAAATAGGC	GAGTTACAGAGGATGACTTCAGC	NOD=NOR=BKS=DBA=B6
D11Jyh19	78665045	GCTGAGCCATAGCCCG	TCCGATATACACCTGACTTATTAGC	NOD=NOR=BKS=DBA=B6
D11Jyh17	78806277	AGGAACCATTTGAGCTGTGC	TTCTCCACATGGTTAGC	NOD=NOR=BKS=DBA=B6
D11Jyh15	78843686	TTCTCTAGCATTCTCTGTATGC	GTTGGAATTAAGGCTATCC	NOD=NOR=BKS=DBA=B6
D11Jyh13	78877174	CGGCTAAATTCATCCCC	TGAGCTTTCATACCATGATGC	NOD=NOR=BKS=DBA=B6
D11Jyh11	78910988	CAGAGTTCGGTTCCACAGC	AAAGTCAGCCCAAAGCTCC	NOD=NOR=BKS=DBA=B6
D11Jyh10	78921948	GCATTTGTGAGCTCCTGAAC	TGCACAGCAAAAACCTCG	NOD=NOR
D11Jyh1219	79692533	CTCTGGAGGAAGGTTTCAATG	CTTCTGCTTCCATATGCTCAG	NOD=NOR
D11Jyh1216	79703226	TGGTGAGCGGCATTCC	GAACCACTACACAAAGCTGTCC	NOD=NOR=BKS=DBA=B6
D11Jyh1208	79799366	GTCTGCATTGACTCCATAGTACC	AAGATCTGCTGAAGTGAAGTGG	NOD=NOR=BKS=DBA=B6
D11Jyh1204	79834404	ATGCCTAGCTTTCAATTCTCC	AGTTCACAGGATACCCAGGG	NOD=NOR=BKS=DBA=B6
<i>D11Jyh1196</i>	79878440	CACATGGGTTTCTATCCCG	ACACTTCCGTCACAACAGG	NOD=NOR=BKS#B6#DBA
<i>D11Jyh1188</i>	79940561	CACATGGCCCAACTACAGTC	TGGAACCTGCCCTTTGGAC	NOD=NOR=BKS#B6#DBA
D11Jyh1184	79964582	TGAGAAAAACCCAGTGTC	TCAGGAACATAAGTGTCTAAAGG	NOD=NOR=BKS#B6#DBA
<i>D11Jyh1178</i>	80007532	TCAAAAGTGGAGGTGAGTGG	TAAGGCATGGTGTGAGTGC	NOD=NOR=BKS#B6#DBA
<i>D11Jyh1172</i>	80030639	ACACCCTCTGCTTGGAGC	TGCCGTGTTTGTGTTTTCC	NOD=NOR=BKS#B6#DBA
D11Jyh1163	80058077	CCAAGGCTGCCGAGC	CCTCCAAGTGAAGATGTAAGG	NOD=NOR=BKS#B6#DBA
D11Jyh1154	80094529	TTAGGCCCATACAAGCC	AGCAAATACACTGGCCCC	NOD=NOR=BKS#B6#DBA
<i>D11Jyh1145</i>	80173138	CCCGGCCAGAGTAAGT	CTCACTACAGTGTGACCTGGTT	NOD=NOR=BKS#B6#DBA
D11Jyh1140	80229804	AAAAGACAAAGCAGCCATGG	TTAGCTCTGCCACTCTGTGG	NOD=NOR=BKS#B6#DBA
D11Jyh1133	80274151	CTCCAAGTATTTTATGTGGAGAGC	CCCCATAAGGGAATTTGTC	NOD=NOR=BKS#B6#DBA
D11Jyh1126	80353263	TCACGCACACGAACACG	GTAACCTCTCCAGCAAAGCC	NOD=NOR=BKS#B6#DBA
<i>D11Jyh1116</i>	80438744	CATGTGTGCCCTGCGTACA	GAGAAACCTGCCTCGAA	NOD=NOR=BKS#B6#DBA
<i>D11Jyh1113</i>	80474955	GTGTTGGCTTCTATGTTGACG	CCCAGATTCTAGGCCAGC	NOD=NOR=BKS#B6#DBA
D11Jyh1100	80540639	ACTATTGGGATGGCCAGG	CATCTCCATCCACTCC	NOD=NOR=BKS#B6#DBA
D11Jyh1090	80568199	GGACCCCTGAGATGGCC	ACTGGGTTCTCAGCAGCC	NOD=NOR=BKS#B6#DBA
D11Jyh1081	80608437	TCCTTGGTGTGATCCACATCT	GGCTAGGCTCTGGAAGACA	NOD=NOR=BKS#B6#DBA
D11Jyh1076	80652862	CAAGGTGGCTGGAACCG	CTAAGGCACCTACTGAAGATGG	NOD=NOR=BKS#B6#DBA
D11Jyh1067	80667421	CTCTGGCCACACATGGG	CTAGAGTGGTGGATGCCTACC	NOD=NOR=BKS#B6#DBA
D11Jyh1059	80707276	AGTTCGTGCTACTGCTCC	GACTCCTCCCCACATTGG	NOD=NOR=BKS#B6#DBA
D11Jyh1029	80833865	GGGTTGGGACATGAGGG	AAGGTGGAGGGCAATGG	NOD=NOR=BKS#B6#DBA
D11Jyh1007	80939802	CCCCAAGCTCAATCAGATCT	CCTGGCTGTGAATTTAGAGTTG	NOD=NOR=BKS#B6#DBA
D11Jyh997	80987207	GACTTGTCTTCCCCTTGGC	TCATGTCTGGGACCCACC	NOD=NOR=BKS#B6#DBA
D11Jyh987	81054376	TCTTCATGGTTAAGAATAGAAAAGC	CCTCTGGTGTCCATTGTCC	NOD=NOR=BKS#B6#DBA
D11Jyh959	81196951	TCACAGCAATAACTTTACTTGGC	GGCATTGTACACAGCAGG	NOD=NOR=BKS#B6#DBA
D11Jyh942	81346690	TCTGTCTGGAAGTTTCAATGGG	GTGCAGGCAAGTCCAGC	NOD=NOR=BKS#B6#DBA
D11Jyh931	81401360	TGACGCTTCCCTGTAACCTGC	CATTTCTGCTGCTTTTTGT	NOD=NOR=BKS#B6#DBA
D11Jyh928	81435091	CGAGCACAGCAGAAAAGTCC	GCATAGCTACCATGTTCTCAGC	NOD=NOR=BKS#B6#DBA
D11Jyh922	81456008	TGAGCTTCAAGTTTGGCC	TGAAATATCTTCCATGCAATCC	NOD=NOR=BKS#B6#DBA
D11Jyh919	81495508	GATCTCAACTCTTAACACATATGC	AACAATGCAAGCAGAGATGC	NOD=NOR=BKS#B6#DBA
D11Jyh915	81506341	ACAGGGCAGCTCACAAAC	TCTCCTCCCGACTTGC	NOD=NOR=BKS#B6#DBA
<b>D11Mit33</b>	<b>81507744</b>	<b>TAATGGCTCTGCAGTGATGC</b>	<b>GAGGTTGTCCCCAGGTAACC</b>	<b>NOD=NOR#BKS</b>