

S1 Fig

P-DBM1Ac-S : TTGGCTGAAC TGA TTTAAT GAATCATGGT TAAACACAA CAAGACAAGA AA CAAACT TGATCCAATT CAACGCCAAA CAGA ACAAA :~2207
 P-NIL-R : TTGGCTGAAC TGA TTTAAT GAATCATGGT TAAACACAA CAAGACAAGA AA CAAACT TGATCCAATT CAACGCCAAA CAGA ACAAA :~1913

P-DBM1Ac-S : CTCATAACAC CCCTATTTTG TAAGATCGGA GTTTTAATAT AATTAAGTAT GTTTATAATT ATCATCATT TAGTAGTTCG ATAAAACA :~2117
 P-NIL-R : CTCATAACAC CCCTATTTTG TAAGATCGGA GTTTTAATAT AATTAAGTAT GTTTATAATT ATCATCATT TAGTAGTTCG ATAAAACA :~1823

P-DBM1Ac-S : TCACAGTATT TCAG AAAAA ACATCATCCT TTACTC AAC TTAGTTCAGA GATATAAGG GGGACTAGAC GCGCTCTCT TGGCAGTACA :~2027
 P-NIL-R : TCACAGTATT TCAG AAAAA ACATCATCCT TTACTC AAC TTAGTTCAGA GATATAAGG GGGACTAGAC GCGCTCTCT TGGCAGTACA :~1733

P-DBM1Ac-S : GAGCGCGGC CACGCCACGT GCGGTCATTA AG TTCATTA TCATTAACT TCATTATCAT TATT ATTAA TTTCATTATA :~1946
 P-NIL-R : GAGCGCGGC CACGCCACGT GCGGTCATTA AG TTCATTA TCATTAACT TCATTATCAT TATT ATTAA TTTCATTATA :~1643

P-DBM1Ac-S : CGTTAATTC GCTTTTCAT ACGCGATGGC ACTTTTCGCA GTAAATCGTCC TTTGAGCGT CAGCCAAAC TTTCGCGCCA ATTTTTT :~1856
 P-NIL-R : CGTTAATTC AAGGTTTCAT ACGCGATGGC ACTTTTCGCA GTAAATCGTCC TTTGAGCGT CAGCCAAAC TTTCGCGCCA ATTTTTT :~1553

P-DBM1Ac-S : TAAGTTTTT CTTTTCAGTT TTTATTTTAT TTTTCCGATT TTTAGGTA GTAGACT TT ATCGTGTAAA CGCTGAAA AAT AGCGT :~1767
 P-NIL-R : TAAGTTTTT CTTTTCAGTT TTTATTTTAT TTTTCCGATT TTTAGGTA GTAGACT TT ATCGTGTAAA CGCTGAAA AAT AGCGT :~1469

P-DBM1Ac-S : ACCATACG CTAAGTATGG GTTCACGAAT CTAACATAAT ATTATAAATG CGAAGTAAC TGTGCTGTGC TGTGCTGTGC TGTGCTGTGC :~1677
 P-NIL-R : ACCATACG CTAAGTATGG GTTCACGAAT CTAACATAAT ATTATAAATG CGAAGTAAC TGTGCTGTGC TGTGCTGTGC TGTGCTGTGC :~1455

P-DBM1Ac-S : TGTACTCTT TCACGCTAAA ACTACTGAAC CGATTTGAAT GAAATTTGGT TACGTA GG TCTAGACCC T GGGAAAGAC ATAGGCTACT :~1587
 P-NIL-R : TGTACTCTT TCACGCTAAA ACTACTGAAC CGATTTGAAT GAAATTTGGT TACGTA GG TCTAGACCC T GGGAAAGAC ATAGGCTACT :~1446

P-DBM1Ac-S : TTTTATCCAG GAATCCAC CCAAAATTC CATTTCGCA AGCGAATCGC GCGCAATCGC CTAGTTTTTC ATAAATGTAT GCGTCCGCA :~1497
 P-NIL-R : TTTTATCCAG GAATCCAC CCAAAATTC CATTTCGCA AGCGAATCGC GCGCAATCGC CTAGTTTTTC ATAAATGTAT GCGTCCGCA :~1401

P-DBM1Ac-S : ATGCCGATTA AGTGGACGCA CTTTTCGCA TTTTCATG AAGAATACG AGAGAGATGC GTCCGTTACC TACGATGCC AAAGGTGGCC :~1407
 P-NIL-R : ATGCCGATTA AGTGGACGCA CTTTTCGCA TTTTCATG AAGAATACG AGAGAGATGC GTCCGTTACC TACGATGCC AAAGGTGGCC :~1364

P-DBM1Ac-S : CTTTACAGGT CAAAATTC CCGATGAGTGC GTA GTACTT TAAAA AACCC CAAT ATAATTCGT ACCGT AACT :~1321
 P-NIL-R : CTTTACAGGT CAAAATTC CCGATGAGTGC GTA GTACTT TAAAA AACCC CAAT ATAATTCGT ACCGT AACT :~1284

P-DBM1Ac-S : TAACAC AAA AT CATAAAA ATCTTACAGA CATAAGTGC TAAGTTGAAA GTAGATACCT ACCTATAAGT TTACCAACA TTCTCTGAA :~1231
 P-NIL-R : TAACAC AAA AT CATAAAA ATCTTACAGA CATAAGTGC TAAGTTGAAA GTAGATACCT ACCTATAAGT TTACCAACA TTCTCTGAA :~1195

P-DBM1Ac-S : CTTGCTAGAA TAAGTGGTCC ACCAACCCTG ACTGGACAT CAACCCGACG TGGTCCACCA ACCCCGACTA GCGCAGCGT GTGA TAGG :~1141
 P-NIL-R : CTTGCTAGAA TAAGTGGTCC ACCAACCCTG ACTGGACAT CAACCCGACG TGGTCCACCA ACCCCGACTA GCGCAGCGT GTGA TAGG :~1105

P-DBM1Ac-S : CTTAAACTT CTTCTCATC GGAAGGAGAC CCGTCCCGCA GAGTGGGGA C TGGTTCGTC ACAGTGAAT GACTATTAT :~1051
 P-NIL-R : CTTAAACTT CTTCTCATC GGAAGGAGAC CCGTCCCGCA GAGTGGGGA C TGGTTCGTC ACAGTGAAT GACTATTAT :~1043

P-DBM1Ac-S : TAGTCTCGCC ACCCGTACT ATGCTTGAAT ATGAACACGT TTGCTTAA T ATGC ATG TTTTCGTAAA ATCCCAAC TTTTTCGAA :~964
 P-NIL-R : TAGTCTCGCC ACCCGTACT ATGCTTGAAT ATGAACACGT TTGCTTAA T ATGC ATG TTTTCGTAAA ATCCCAAC TTTTTCGAA :~968

P-DBM1Ac-S : AATTCATA ATCAAAACC ATG TA T A CATAAACA GTCCATTTT ATGTGCACT TATTACTATT ATATCAAA :~882
 P-NIL-R : AATTCATA ATCAAAACC ATG TA T A CATAAACA GTCCATTTT ATGTGCACT TATTACTATT ATATCAAA :~878

P-DBM1Ac-S : TTTTACTG TAGTACTTT AC TACTCGT GTTCAGTATT GTAATACTA TTAG AAAT TCTTAAAAA CAAAAGCCG TTATAT GC :~794
 P-NIL-R : TTTTACTG TAGTACTTT AC TACTCGT GTTCAGTATT GTAATACTA TTAG AAAT TCTTAAAAA CAAAAGCCG TTATAT GC :~788

P-DBM1Ac-S : TATC TGCAT GCTATTTCCG CATTAGTCA GTACTGAAA TAAATGTG A TTAC GATAC TTGTCTAAA ATAACTATG TAATACGAAA :~704
 P-NIL-R : TATC TGCAT GCTATTTCCG CATTAGTCA GTACTGAAA TAAATGTG A TTAC GATAC TTGTCTAAA ATAACTATG TAATACGAAA :~698

P-DBM1Ac-S : AATTTTCGAT AGTCTGGCC CATTAGTCA GTACTGAAA TAAATGTG A TTAC GATAC TTGTCTAAA ATAACTATG TAATACGAAA :~614
 P-NIL-R : AATTTTCGAT AGTCTGGCC CATTAGTCA GTACTGAAA TAAATGTG A TTAC GATAC TTGTCTAAA ATAACTATG TAATACGAAA :~608

P-DBM1Ac-S : CCGGTTACT GATCTCGAA CAAATTTATA GTCAA GAT TTTTTCG TT TATATAAAA TAAAAATAA TCACCAAA AGATTTTCAG :~524
 P-NIL-R : CCGGTTACT GATCTCGAA CAAATTTATA GTCAA GAT TTTTTCG TT TATATAAAA TAAAAATAA TCACCAAA AGATTTTCAG :~521

P-DBM1Ac-S : AAAAAATCGA TCTGTTTC GTAATTTTAC AACTTACCAA TAAGCATATT CTAATATTAG TAAACTAAC TTTAAT ACA TAATTATAAG :~434
 P-NIL-R : AAAAAATCGA TCTGTTTC GTAATTTTAC AACTTACCAA TAAGCATATT CTAATATTAG TAAACTAAC TTTAAT ACA TAATTATAAG :~431

P-DBM1Ac-S : AGATAAGGGT AACTGG AGG TAGGTAGGTA TTAATTTAA TTTAA T TATT GAAAA AAAA ACGCT TA TATAA TCGGAA :~344
 P-NIL-R : AGATAAGGGT AACTGG AGG TAGGTAGGTA TTAATTTAA TTTAA T TATT GAAAA AAAA ACGCT TA TATAA TCGGAA :~345

P-DBM1Ac-S : TTAGAAGC TTCAGGATCT TTAGAATTTA CCAATGAGA ACGCATG TC CAAG T CGC G TGTCTAT GGGATTACA TTTAAATGTA :~255
 P-NIL-R : TTAGAAGC TTCAGGATCT TTAGAATTTA CCAATGAGA ACGCATG TC CAAG T CGC G TGTCTAT GGGATTACA TTTAAATGTA :~255

P-DBM1Ac-S : TTGATCAAAA CCGTAGCTGA TGATTTTACA TTGCGTCCA ACGAATGCA GCACATGCAA CGATGTT GT TCGACATTTG GATTGCTCT :~165
 P-NIL-R : TTGATCAAAA CCGTAGCTGA TGATTTTACA TTGCGTCCA ACGAATGCA GCACATGCAA CGATGTT GT TCGACATTTG GATTGCTCT :~165

P-DBM1Ac-S : TAAAACCTC ATTTAAACGT TTGTTTAAAC AGCATTTTTA ACCACAATAC ATATGTTAAT CTTTGTCAAT ATACAGCTAT CCGAGTTGCA :~75
 P-NIL-R : TAAAACCTC ATTTAAACGT TTGTTTAAAC AGCATTTTTA ACCACAATAC ATATGTTAAT CTTTGTCAAT ATACAGCTAT CCGAGTTGCA :~75

P-DBM1Ac-S : AGTTCGGTCC TGTAGTAATT CATCAATGAG TCAATAATAA TAAAACG CT TTCTCGGGC TCTCGGAGTC AGTCATG :+3
 P-NIL-R : AGTTCGGTCC TGTAGTAATT CATCAATGAG TCAATAATAA TAAAACG CT TTCTCGGGC TCTCGGAGTC AGTCATG :+3