

TABLE S1b**Primers for Sex linked markers**

Marker	Origin	Forward Primer	Reverse Primer
0009	Random EST Marker	CTCATTCTGTGCTTCAACCTG	GAAATGGCCTCCAGTATCTCC
0030	Random EST Marker	TTGGTAGACCGAGACGTGAAG	TCAGCCTTGACATGAGTTACG
0032	Random EST Marker	CGATGTCAAGGCATGGTTC	TTTGCAGTGATTTCTATCATGTCC
0061	Syntenly Candidate	CAGTGGTCAGCGTGAAACTC	TGGAGAAGGTACAGGTCAACG
0073	Random EST Marker	TGTA AACGACGGCCAGTTTATCTCCACGCCCTCCAATG	CAGGAAACAGCTATGACCAGTAGATGGAGGGAAGGTTGG
0090	Random EST Marker	CTTCAACCACCAAGTCAACAC	AGTGAACTCTGTCTCCATCAGC
0148	Random EST Marker	TGTA AACGACGGCCAGTGCGCCATTTACACATACTCAC	CAGGAAACAGCTATGACCCGGAGATTCAGCGGGATAAGAC
0155	Random EST Marker	GACGAGTTTCTTCCGTTTCG	CAATGTTCCCTAACCAAATGTCG
0199	Random EST Marker	TCTGGGCTACTACGTCTCCAC	GACCTCACTTCTCCACGTTTC
0210	Random EST Marker	TGTA AACGACGGCCAGTGACGAAGACAGGAAGCTGAAG	CAGGAAACAGCTATGACCAGCGAAGGACATTTCTCACAC
0228	BAC end	GTCATGTACCAAAACAGCTGCAGCCTAC	CAGCTGTACATACCACAGAGGTGTGCTC
0229	Syntenly Candidate	TAAATGTCCCTGTGGTCTGTTCGTG	TGGATGGATAATTGGTCAAAAGGGTTG
0231	BAC end	CAATCTTCTGGCTTGGACATTAAGTGAAC	GCAGAGAGAAAGAACTGGGAGGTTTCC
0244	Syntenly Candidate	AGCCTGGAAGAGGATGGTCACTAAAGTC	CTTTCAGTTCTGGGTGTGTGACGTGAG
0245	Syntenly Candidate	CGACAGAGGCTAAGGGAGTGTGAGG	GATAGGACAGGTTTTCGAAGGATGCAGAC
0246	Syntenly Candidate	CTCAGGACGCGGTCTAGAGTGGTAGG	GGAGTACTGGACCTGCTTGGATTACACC
0247	Syntenly Candidate	ACGAGATGTTGTTTCGCATGGAAGAAG	CAGTAGCAAAGGTTTATTCCAGATATGGTG
0248	Syntenly Candidate	GATGCCCATGTACTTGACAATCACCTC	AACTCTTCAAGGAGCCCAGCTCAAATC
0315	BAC end	AGCTCCTTCCAATCCAAATG	AGCCGTCTCCAGTCTATTTCAG
0380	BAC end	CATGATTAAGTCTATTACGCTGCAC	AGATGTGAGTGGCAACATGG
0398	BAC end	AAGCATTAGCGGTGAATCG	TTTCCTTCCCTAGATGTGTCC
0423	BAC end	TACTCCTCCGAACCCCTACG	GCTGGAAGCATATCGAACG
0429	BAC end	CGACACTAGACATAGGTAGAATGCAG	GTCCTAGAATGCGGTTAGATGTG
0442	BAC end	GTAATGAGGTTGTTGCCATGC	CAGAGGTGCTGTGTGACCTG
0490	BAC end	ACCTCACGTCTCTGGCTCTC	AGCTCTCCGCTCAGTCAATAG
0517	BAC end	GACCTGCATCCAAGGAAAG	GCCATTCAATTTCTCCATGTG
0568	BAC end	CACATTTCACTGTTTATGCCAAAG	TCCCACAGGAGAGAATTACACAC

0603	BAC end	AATGCAGGCAGATGTGGAG	TTCAGGTGGAGCCTTGTG
0666	BAC end	GCTTGTATTTCGCCGTTGTG	TTGATCTAATTTCCCTCTGTGTGATG
0691	BAC end	GGACGTTTCATTGCTGCTG	CATGTATCTTACTGAGCTGTACCAAC
0987	BAC end	AGCGGTCATGCACTAACAAG	CTGCCAACGAACATAAATGC
1025	BAC end	GTGGATGGGACAGAATTTATCAAC	TTCGTCTGGATGGAAGAACAG
1103	Syntenly Candidate	CCTTCACTTCCTGCCATCTTC	AAACAACATCCTCACCTTCAAAC
1104	Syntenly Candidate	AAAGCATCGCAACAGTGTCCCATC	CGCATGTGGATCTTGAGTTTGTCCCTG
1105	Syntenly Candidate	GCCTGAAGAACTACTGCGAGTGCTACG	CTCTCCTCAAAGTTCTTGCAGCCGATG
1106	Syntenly Candidate	CCTCCATTTGGGTTCTTACGGATAGG	CTGGTAGGATGTATTCCATGACCCACTG
1107	Syntenly Candidate	GCACTGTTTCTCCGTCGTCTTCTGAC	GGCACCTGGACAGAGTGGAGATTAGAC
1108	Syntenly Candidate	TAAGGCAGGCTAGTGATGTCCCCTTAC	GCAGCAGCAACACCATCAACTACAG
1109	Syntenly Candidate	CTGTGGTGATTTCTGGACTAAGGTCTCC	GACCCCTACGAGCCAGAAGAAAGACAC
1110	Syntenly Candidate	AGGTACATCTTCTCCAGGATGCCGTAAG	GCTGCGCAGAGATATAACGAGTTGTC
1111	Syntenly Candidate	GCCCACATAAAGGAGCTTGAGCAGAG	CTTGAAGTCTGCCACCTCCCCTCTCC
1112	Syntenly Candidate	GTTCTTCTCCCCAGCTGTCACTCTC	CTCGATACACAGAGTCCCGAAAACGAAC
1113	Syntenly Candidate	TTGTCTACGATGAGGAGTGCTTCCAG	CCTCTCGATGTGATAGGCATTGCTG
1114	Syntenly Candidate	AAGAAAGCGAGCAGCGAATCCATC	GGCGCAGGAATCGACTCATACTACG
1115	Syntenly Candidate	GGGAAGAAAGGAGAGACTCACTG	CAGCAATTTCAACAGAATTACAA
1080_ya	BAC end	GAGCTCCTCTCACATCAAAATGCACAGC	GCCATACTGCTTAGGCTTTGCTTGACTG
1081_ya	BAC end	CTGCCAGTTCTTTGGTTTTTATGTGATTCC	GAAAATACAAAATCCCTCGCATCCAGTG
1082_ya	BAC end	GGCTTCCGTACCTGTGTTTTTCATGTTCTC	TCTTGGCAGGAATGTGCTTCTCTAGC
1082_za	BAC end	GTGGGTTCTGTCTGTCAGCTTATCTTC	CTGTTGACATGTCTGTTGGCTGAGAGG
1083_ya	BAC end	GTCATGTACCAAAACAGCTGCAGCCTAC	CTAGACGTCAAAAAACAGGCCTTACCC
1083_za	BAC end	CAGCCCTCAGATACCTGTACATTGTTCC	GCCATACTGCTTAGGCTTTGCTTGACTG
1084_ya	BAC end	GTGGTTGGTAGATGACATCCTGTGACTG	TTAGCCTGAAACGTTACTCGGACTGG
1084_za	BAC end	CACAGAACCAATTCTGCAGTGAGC	AGGAGCAGCTGGTTCTTGATGTCTTG
1085_ya	BAC end	GGAAGAGCATCCAGACAAGACAGAAAGC	TTTCTACCTCCTGCACTTCCCTTTCCAG
1085_za	BAC end	GGTGTGTTGAATAGACGGGGAAGTTGAGC	GCTAGAGTCAGCGCCACAATTCTCAC
1086_ya	BAC end	CATTACAGCAGCTGATGCGAGAAAGGTC	CCTCCACAACCTGACCACGGTGTAAAAAC
1086_za	BAC end	AACGTTAGCCGAGACGCTAGACTTTGAG	GCCAGCTGACTGACAATCCAGGATAAAG
1087_ya	BAC end	CTTTTGGGATTACAGCATCCGACCAC	ACGGCCCTGAGTCAGAGAGTAATGG

1087_za	BAC end	GTTGAGCTGCAGAGGGAATGGATAACTC	CTGTGGAAGCGGTAGGAAAGTGAATC
1088_ya	BAC end	TTTTACGTGTGCTTAGCATTCTCCTC	TTATATGATCGTTGCAGAGGTTACACAG
1088_za	BAC end	CTTCAAACGATTCTCCCTGACACTTCAC	CCACACTGGCAAATFAGAAACCAACATC
1089_ya	BAC end	TTCATCCTGACACAGTTATGGTTCATGG	AGAAACACACACACGCACATACACACAC
1089_za	BAC end	AGCACCATCATCTTCCATTACCTTAGCC	GCGGAGACAATAAAGTGCTCAGAGAGAG
1090_ya	BAC end	GTACATCAAGGTGTACAGACGCAGATGG	ATTGTGCGTGCACATGTCTAGTTTTACG
1090_za	BAC end	ACCGCCTGCTTATTCCAGTAATTCAGAG	ATGAATCTCTCTTCCCTGGGATCTTCACC
1091_ya	BAC end	AGGAGGTCACAAAAGAAGCCAGAACAAC	CTTGATCTTCCATTGTCACACTTTCGTG
1091_za	BAC end	TCTCGTTTTGTTGTTGTGTCTCAGTGTG	GATTAGGAAGGCAGGGAGAGAAGGAAAG
1092_ya	BAC end	AACCATGCATTGACTTGCCTCATCTAAG	CTTTTGCCTTCAGATGTTTCCACAAGAG
1092_za	BAC end	GGCCGCATACCATCTAGAGTAAGCTCTG	TTTCGCTTTAATGGCCTTCAGACTTCAG
1093_za	BAC end	CTATATTTTTGTGGGTGGCAGATGATCC	CCTCTGGCCTCAAACAGAGTTTAAGTGAG
1094_za	BAC end	AGTACGTTAGCCATGAGGGTTTAGTTCG	CCTATAGAACCAGGCTCTCCACACGAG
1095_ya	BAC end	GACTGTGGCACTACGGGACTAAGGAAAG	TATACATAGCACCTCCACAGCCTCCTTC
1095_za	BAC end	GCGGAGACAATAAAGTGCTCAGAGAGAG	GCTTAGATCCAAAAGTCAGTCCCAGAGAG
1096_ya	BAC end	ATACCTGACATCGCCTGTACAGATACCC	ATGCAGCGGTGCTTAGAGGAATACAGTC
1096_za	BAC end	GCACACCCCTTCTGGGGTATTTGTAAG	ACGCCTGTTTCAGGAGGAGAGAGTTTTTG
1097_ya	BAC end	AGTCCGAGTGAAGGTTAGCTCTGAGGAG	TCTGCAGAGTCATACTGAAAGGGGTGAC
1097_za	BAC end	AGAAAACCTGCTAGGCCCCACTCTAATC	CCTCGTCCACTGGAAAGATGAAAGCTAC
1098_ya	BAC end	CCTGCAAGTTGTTGTTACTCAGGTCCAG	GCTCTGTAAGGTCGCACATTGTTACTGC
1098_za	BAC end	GGAGCACTGGGAAGAAAAGGATGAGTTC	CCTACCAACTATACCCATGACCCAAGAC
1099_ya	BAC end	GAGCGCTACCTTGAAGAATTCCTACTCAG	TCTTAGGAGGGAAGGTATTGTGCTCCTG
1099_za	BAC end	ACTAAGCTGGAGAAGGCTAAGGCCAAG	GCCAGTCAGCCACTTACTCTCAAGTATC
1100_ya	BAC end	GTCCAGAGTTTCCGTGGTAACCAACTC	CCAACCACTGCTGATFAGATGTCTG
1100_za	BAC end	CTCGCACCAGGAAGTACTCTGATATTGG	AGTGTATTTTCAGGTCTGGACCGAGTAGG
1101_ya	BAC end	TTAAAACCTGGAGCGTATCTCAGCACTGG	CCCAGGAAAACATAATGTCTGAATCAC
1101_za	BAC end	GCATGAAGAACATGTGTGGTAAATGCTTG	CTCATGCTGTAAATTGCCTCTTCCCTCTG
1102_ya	BAC end	ACTTTGTGGTGGACCTTCATTTTCCTTC	ATTGAACCTCCTGGAGGATCTCAGCCTTC
1102_za	BAC end	TGAGTGGGGTTGTGTATGTGTTTTTGAG	CATGGGAATTTAATCCAAGGACGAATG
