Supplementary material

Table S1. Genes specific to male and female populations.

Genes-ID	GO ID (level1)	GO Term (level1)	GO ID (level2)	GO Term (level2)
Gb_01707(DTX48)	GO:0005575	Cellular Component	GO:0110165	cellular anatomical entity
Gb_03026(--)	GO:0005576	Cellular Component	GO:0110166	cellular anatomical entity
Gb_04920(--)	GO:0005577	Cellular Component	GO:0110167	cellular anatomical entity
Gb_06174(HSC-I)	GO:0005578	Cellular Component	GO:0110168	cellular anatomical entity
Gb_06178(CBSDUF1)	GO:0005579	Cellular Component	GO:0110169	cellular anatomical entity
Gb_08198(DAGLB)	GO:0005580	Cellular Component	GO:0110170	cellular anatomical entity
Gb_08750(--)	GO:0005581	Cellular Component	GO:0110171	cellular anatomical entity
Gb_08872(ndc80)	GO:0005582	Cellular Component	GO:0110172	cellular anatomical entity
Gb_14931(AOX4)	GO:0005583	Cellular Component	GO:0110173	cellular anatomical entity
Gb_18709(--)	GO:0005584	Cellular Component	GO:0110174	cellular anatomical entity
Gb_20510(CYP94A1)	GO:0005585	Cellular Component	GO:0110175	cellular anatomical entity
Gb_22571(Os02g0201900)	GO:0005586	Cellular Component	GO:0110176	cellular anatomical entity
Gb_24182(TAF12)	GO:0005587	Cellular Component	GO:0110177	cellular anatomical entity
Gb_25730(VIT_01s0010g01180)	GO:0005588	Cellular Component	GO:0110178	cellular anatomical entity
Gb_26151(FBA5)	GO:0005589	Cellular Component	GO:0110179	cellular anatomical entity
Gb_26824(POLD4)	GO:0005590	Cellular Component	GO:0110180	cellular anatomical entity
Gb_27114(NPF8.3)	GO:0005591	Cellular Component	GO:0110181	cellular anatomical entity
Gb_28439(At3g55350)	GO:0005592	Cellular Component	GO:0110182	cellular anatomical entity
Gb_28975(PHOT1A)	GO:0005593	Cellular Component	GO:0110183	cellular anatomical entity
Gb_31402(VIII-2)	GO:0005594	Cellular Component	GO:0110184	cellular anatomical entity
Gb_33676(SBEI)	GO:0005595	Cellular Component	GO:0110185	cellular anatomical entity
Gb_35390(CPN60-2)	GO:0005596	Cellular Component	GO:0110186	cellular anatomical entity
Gb_37980(--)	GO:0005597	Cellular Component	GO:0110187	cellular anatomical entity
Gb_40339(--)	GO:0005598	Cellular Component	GO:0110188	cellular anatomical entity
Gb_40748(Os06g0265000)	GO:0005599	Cellular Component	GO:0110189	cellular anatomical entity
Gb_41290(At5g52970)	GO:0005600	Cellular Component	GO:0110190	cellular anatomical entity
Gb_41295(AVP1)	GO:0005601	Cellular Component	GO:0110191	cellular anatomical entity
Gb_01586(AFC2)	GO:0008150	Biological Process	GO:0009987	cellular process
Gb_01707(DTX48)	GO:0008151	Biological Process	GO:0009988	cellular process
Gb_03026(--)	GO:0008152	Biological Process	GO:0009989	cellular process
Gb_04190(AFC1)	GO:0008153	Biological Process	GO:0009990	cellular process
Gb_04920(--)	GO:0008154	Biological Process	GO:0009991	cellular process
Gb_06174(HSC-I)	GO:0008155	Biological Process	GO:0009992	cellular process
Gb_06178(CBSDUF1)	GO:0008156	Biological Process	GO:0009993	cellular process
Gb_08439(Os02g0220600)	GO:0008157	Biological Process	GO:0009994	cellular process
Gb_08750(--)	GO:0008158	Biological Process	GO:0009995	cellular process
Gb_08872(ndc80)	GO:0008159	Biological Process	GO:0009996	cellular process
Gb_11456(--)	GO:0008160	Biological Process	GO:0009997	cellular process
Gb_12572(--)	GO:0008161	Biological Process	GO:0009998	cellular process
Gb_14931(AOX4)	GO:0008162	Biological Process	GO:0009999	cellular process
Gb_18708(pol)	GO:0008163	Biological Process	GO:0010000	cellular process
Gb_18709(--)	GO:0008164	Biological Process	GO:0010001	cellular process
Gb_22571(Os02g0201900)	GO:0008165	Biological Process	GO:0010002	cellular process
Gb_24182(TAF12)	GO:0008166	Biological Process	GO:0010003	cellular process

Gb_24825(PCMP-H53)	GO:0008167	Biological Process	GO:0010004	cellular process
Gb_25730(VIT_01s0010g01180)	GO:0008168	Biological Process	GO:0010005	cellular process
Gb_26151(FBA5)	GO:0008169	Biological Process	GO:0010006	cellular process
Gb_26824(POLD4)	GO:0008170	Biological Process	GO:0010007	cellular process
Gb_27114(NPF8.3)	GO:0008171	Biological Process	GO:0010008	cellular process
Gb_28425(DRP4C)	GO:0008172	Biological Process	GO:0010009	cellular process
Gb_28439(At3g55350)	GO:0008173	Biological Process	GO:0010010	cellular process
Gb_28975(PHOT1A)	GO:0008174	Biological Process	GO:0010011	cellular process
Gb_31402(VIII-2)	GO:0008175	Biological Process	GO:0010012	cellular process
Gb_31742(pol)	GO:0008176	Biological Process	GO:0010013	cellular process
Gb_32549(NAC098)	GO:0008177	Biological Process	GO:0010014	cellular process
Gb_33676(SBEI)	GO:0008178	Biological Process	GO:0010015	cellular process
Gb_35390(CPN60-2)	GO:0008179	Biological Process	GO:0010016	cellular process
Gb_37397(CEQORH)	GO:0008180	Biological Process	GO:0010017	cellular process
Gb_40339(--)	GO:0008181	Biological Process	GO:0010018	cellular process
Gb_40602(MPPbeta)	GO:0008182	Biological Process	GO:0010019	cellular process
Gb_40748(Os06g0265000)	GO:0008183	Biological Process	GO:0010020	cellular process
Gb_41295(AVP1)	GO:0008184	Biological Process	GO:0010021	cellular process
Gb_28975(PHOT1A)	GO:0008150	Biological Process	GO:0048511	rhythmic process
Gb_31402(VIII-2)	GO:0008150	Biological Process	GO:0051703	biological process involved in intraspecies interaction between organisms