

Supplementary Table Legends:

Supplementary Table 1: Coding sequence mutations affecting F12, GNP-A4, and *Δpfap2-g*.

Supplementary Table 2: Differentially expressed genes in F12 and *Δpfap2-g*.

Supplementary Table 3: Primers used for qRT-PCR validation of microarray results

Name	Sequence
PF14_0744_F2	AATCCTTGTATCCAAAGAAATGT
PF14_0744_R2	TGAAGAAGAATAATTTGCAGAAG
PFD1050w_F2	GAAATTGTTGATGTATGTTTGGGA
PFD1050w_R2	TCTAATAATAAACAACCAAGACC
PF11_0037_F2	TTAGAAATTTGTATGAAGATGAGT
PF11_0037_R2	TAACATTGCTTCTACTCATACCA
PF14_0745_F2	GATGCTCGATATTTTTATACTGA
PF14_0745_R2	GTATTTCACTTAAGGAACATAGAA
PF10_0374_F2	CAAGAGTACATTGTATATTGTGG
PF10_0374_R2	CATTATCATCAATATTTACCATC
PFD1035w_F2	GAAAAGTTATGGAGATACAATCA
PFD1035w_R2	TCATATTCTTCAATTCTGATTCTG
PFL1085w_F2	GCTACCTTACTAATGTATTAAGTC
PFL1085w_R2	CATATTATTAAGAATTGGTTCACG
PF07_0073_F	AAGTAGCAGGTCATCGTGGTT
PF07_0073_R	TTCGGCACATTCTTCCATAA