

Table S5 *In-silico* validation of PASA updated transcript annotations

Gene id	RNA-Seq coverage	Original annotation	PASA updated annotation	Special note
Bra022192	Same	Wrong	Correct	-
Bra033775	Same	Wrong	Correct	-
Bra033776	Same	Wrong	Correct	-
Bra033769	Same	Wrong	Correct	-
Bra020977	Same	Wrong	Correct	-
Bra020971	Not same	Correct	Probably correct	Alternative splicing
Bra021634	Same	Wrong	Correct	-
Bra021651	Same	Wrong	Correct	-
Bra021661	Same	Wrong	Correct	-
Bra004312	Same	Wrong	Correct	-
Bra004127	Same	Wrong	Correct	-
Bra007104	Same	Wrong	Correct	-
Bra004312	Same	Wrong	Correct	-
Bra003912	Same	Wrong	Correct	-
Bra002554	Same	Correct	Probably correct	Alternative splicing
		Correct according		
Bra002518	Not same	to Chiifu	Correct according to R500	-
Bra002519	Same	Wrong	Correct	-
Bra029936	Same	Wrong	Correct	-
Bra030270	Same	Wrong	Correct	-
Bra001264	Same	Wrong	Correct	-
Bra001267	Same	Wrong	Correct	-
Bra001271	Same	Wrong	Correct	-
Bra001274	Same	Wrong	Correct	-
Bra001283	Same	Wrong	Correct	-
Bra030267	Same	Wrong	Correct	-
Bra030262	Same	Wrong	Correct	-
Bra030256	Same	Wrong	Correct	-
Bra030244	Not same	Wrong	Wrong	-
Bra030229	Same	Wrong	Correct	-
Bra032283	Same	Wrong	Correct	-
		Correct accroding		
Bra032273	Not same	to Chiifu	Correct according to R500	-

Bra019452	Same	Wrong	Correct	-
Bra019445	Same	Wrong	Correct	-
Bra019433	Same	Wrong	Correct	-
Bra038606	Same	Wrong	Correct	-
Bra011921	Same	Wrong	Correct	-
Bra011920	Same	Wrong	Correct	-
Bra011913	Same	Wrong	Correct	-
Bra011912	Same	Wrong	Correct	-
Bra011910	Same	Wrong	Correct	-
Bra003134	Same	Wrong	Wrong	-
Bra003143	Same	Wrong	Correct	-
Bra003146	Same	Wrong	Correct	-
Bra020982	Same	Wrong	Correct	-
Bra020977	Same	Wrong	Correct	-
Bra020975	Same	Correct	Probably correct	Small exon problem
Bra020971	Same	Correct	Probably correct	Alternative splicing
Bra020963	Same	Wrong	Correct	-
Bra028046	Same	Wrong	Correct	-
Bra025750	Same	Wrong	Correct	-
Bra002568	Same	Wrong	Correct	-
Bra002536	Same	Wrong	Correct	-
Bra002527	Same	Wrong	Correct	-
Bra002517	Same	Wrong	Correct	-
Bra002515	Same	Wrong	Correct	-
Bra002512	Same	Wrong	Correct	-
Bra002508	Same	Wrong	Correct	-
Bra002501_Bra				
002502	Same	Correct	Not sure	Alternative splicing
Bra002498	Same	Wrong	Correct	-
Bra002485	Same	Wrong	Wrong	-
