

Table 1 gene prediction of *Apo1*, *Dep1*, *Ghd7* high grain number genes

Gene	Gene exon type	Begin	End	Length	Fr	Ph	I/ac	Do/t	Tscr
APO1 (genomic)	1.01INIT+	166	869	704	0	2	88	115	94.56
	1.0 TERM+	952	1537	586	1	1	98	49	75.75
DEP1 (genomic)	1.01INIT+	117	245	129	2	0	85	105	17.76
	1.0 TERM+	288	356	69	2	0	79	38	-5.66
	1.03PIYA+	374	379	6					-0.45
	2.03 PIYA+	589	484	6					-1.75
	2.02TERM-	640	503	138	1	0	39	42	-4.74
	2.01INIT-	824	681	144	2	0	85	82	16.53
	2.00PROM-	917	878	40					-5.56
	3.00 PROM-	1175	1170	6					1.06
	3.01 PROM-	4183	3296	888	1	0	_1	83	43.66
	GHD7 (genomic)	1.01 TERM+	110	8181558	509	2	2	35	43
1.02 PIYA+		1553	2317	6					1.06
2.00PROM+		2278	2722	40					-4.76
2.01INIT+		2491		232	0	1	122	18	28.37