

**Additional data file 2.** The detailed information of each of 142 loci sampled in the present study, including length of the alignment after excluding ambiguously regions (L), proportions of exon and GC content, ratio of transition and transversion (ti/tv), mean pairwise divergence (p-distance) (MPD) and percent of variable (VS) and parsimony informative sites (IS) among all taxa and within *Oryza* species, respectively. ID, gene identity defined by authors based on its location on rice chromosomes (see Additional data file 1); BGI and TIGR, gene identity in BGI-RIS and TIGR database, respectively.

ID	Taxa	L (bp)	Exon (%)	GC (%)	ti/tv	All taxa			<i>Oryza</i> species only			BGI	TIGR
						MPD (%)	VS (%)	IS (%)	MPD (%)	VS (%)	IS (%)		
1-01	ABCEFG	810	24.81	40.11	1.71	9.79	26.79	5.43	8.81	21.85	4.20	OsIFCC000333 <sup>1)</sup>	LOC_Os01g05490.2
1-02	ABCEFG	887	17.14	34.89	1.10	13.35	31.57	9.81	12.11	26.61	7.44	OsIFCC000631	LOC_Os01g09890.1
1-03	ABCEFG	694	43.08	39.99	1.26	10.05	25.07	6.05	8.67	20.03	3.31	OsIFCC000666	LOC_Os01g10504.1
1-04	ABCEFG	802	15.71	35.29	1.72	12.24	30.92	6.98	11.10	25.69	5.99	OsIFCC000930	LOC_Os01g13730.1
1-05	ABCEFG	575	33.39	44.98	1.39	11.01	26.44	8.17	9.96	23.13	4.17	OsIFCC001048	LOC_Os01g15310.1
1-06	ABCEFG	726	66.80	46.81	1.18	9.18	23.28	6.75	7.90	18.18	5.65	OsIFCC001201	LOC_Os01g17402.2
1-07	ABCEFG	1081	56.52	39.78	1.90	9.24	22.02	6.01	8.03	18.13	4.63	OsIFCC001788	LOC_Os01g27730.1
1-08	ABCEL	699	54.51	41.67	1.21	8.23	17.45	2.43	5.34	9.44	1.00	OsIFCC002478	LOC_Os01g40670.2
1-09	ABCEFG	999	66.47	40.62	1.12	6.69	18.12	3.70	5.86	14.11	3.00	OsIFCC003044 <sup>2)</sup>	LOC_Os01g48960.1
1-10	ABCEGL	923	18.20	40.01	1.61	11.63	25.46	7.04	9.90	19.72	4.01	OsIFCC003102	LOC_Os01g49690.1
1-11	ABCEF	919	19.70	40.48	1.52	9.75	20.35	1.63	9.75	20.35	1.63	OsIFCC003263	LOC_Os01g52110.9
1-12	ABCEFG	682	48.83	38.50	1.36	8.31	21.55	5.28	6.87	16.28	3.96	OsIFCC003329	LOC_Os01g53020.1
1-13	ABCEL	988	31.28	40.88	1.69	7.67	17.92	1.22	5.13	9.82	0.91	OsIFCC003449	LOC_Os01g54910.1
1-14	ABCEFG	954	43.08	40.11	1.59	7.52	20.23	4.09	6.81	16.77	3.15	OsIFCC003502 <sup>3)</sup>	LOC_Os01g55540.2
1-15	ABCEFG	410	53.66	40.05	2.72	6.70	19.02	4.15	5.81	14.63	2.93	OsIFCC004159	LOC_Os01g65220.1
1-16	ABCEFG	1565	72.65	47.74	2.41	8.05	21.34	6.01	7.16	17.38	4.47	OsIFCC004446 <sup>4)</sup>	LOC_Os01g69030.1
1-17	ABCEFG	275	100.00	52.62	1.52	4.73	13.09	4.00	4.05	10.55	1.82	OsIFCC004786 <sup>5)</sup>	LOC_Os01g73890.1

2-01	ABCEFG	704	44.46	39.76	1.23	11.59	29.69	6.96	10.67	25.57	5.54	OsIFCC012188	LOC_Os02g01350.1
2-02	ABCEFG	736	44.43	37.99	1.51	8.92	23.64	5.57	8.05	19.57	3.53	OsIFCC012601	LOC_Os02g06584.1
2-03	ABCEFG	804	22.01	36.06	1.24	12.22	30.97	8.58	11.03	25.37	6.34	OsIFCC013243	LOC_Os02g15900.1
2-04	ABCEFG	1645	63.34	41.19	1.31	10.24	25.41	7.96	9.50	22.13	5.90	OsIFCC013341 <sup>6)</sup>	LOC_Os02g17780.1
2-05	ABCEFG	1208	100.00	59.95	0.57	7.03	17.72	5.80	5.51	12.25	4.47	OsIFCC013615 <sup>7)</sup>	LOC_Os06g02019.1
2-06	ABCEFL	970	34.74	38.35	1.67	8.32	20.62	2.99	6.58	14.85	0.83	OsIFCC014205	LOC_Os02g33430.1
2-07	ABCEFG	672	71.73	54.49	1.61	8.01	20.09	4.76	5.45	13.24	2.68	OsIFCC015762	LOC_Os02g56130.1
2-08	ABCEFG	868	43.20	43.12	1.39	10.41	25.92	7.14	9.08	21.66	3.46	OsIFCC015825 <sup>8)</sup>	LOC_Os02g56850.2
2-09	ABCEFG	778	34.96	44.22	0.88	10.29	26.22	6.94	8.91	21.08	4.76	OsIFCC015941	LOC_Os02g58220.1
3-01	ABCEFG	1358	27.91	40.63	1.59	8.74	23.05	4.27	7.60	18.34	3.02	OsIFCC005013	LOC_Os03g03400.1
3-02	ABCEFL	891	24.92	38.76	1.42	10.36	24.02	3.93	8.68	17.62	1.46	OsIFCC005115	LOC_Os03g04460.1
3-03	ABCEFG	515	45.24	41.01	1.76	7.62	20.97	4.66	6.27	15.15	3.69	OsIFCC005343	LOC_Os03g07790.1
3-04	ABCEFG	1143	30.88	38.67	1.27	8.79	22.84	5.77	7.57	17.94	4.29	OsIFCC005351	LOC_Os03g07880.2
3-05	ABCEFG	558	35.13	38.23	1.15	10.84	28.32	7.53	9.02	21.15	4.48	OsIFCC005617	LOC_Os03g11614.1
3-06	ABCEFG	1243	38.29	39.48	1.75	7.85	20.43	4.83	6.96	16.73	3.70	OsIFCC005760	LOC_Os03g13614.1
3-07	ABCEFG	639	71.05	47.20	1.68	8.68	22.69	5.79	6.94	15.96	4.54	OsIFCC005896	LOC_Os03g15700.1
3-08	ABCEFG	823	28.31	36.95	1.37	10.41	26.12	6.80	9.30	20.90	5.10	OsIFCC005909	LOC_Os03g15860.1
3-09	ABCEFG	964	51.14	41.11	1.70	6.51	17.64	3.73	5.08	12.34	2.91	OsIFCC006278	LOC_Os03g20100.1
3-10	ABCE	1318	58.27	46.63	1.12	4.36	8.04	0.38	4.36	8.04	0.38	OsIFCC008113	LOC_Os03g50540.1
3-11	ABCE	815	42.82	43.33	3.13	5.41	10.18	1.47	5.41	10.18	1.47	OsIFCC008323	LOC_Os03g53750.1
3-12	ABCEFG	1129	36.94	39.60	1.19	10.42	26.40	7.71	8.98	20.99	4.96	OsIFCC008803	LOC_Os03g60939.1
3-13	ABCEFG	753	47.94	37.65	1.53	7.53	18.46	7.70	7.58	18.46	4.38	OsIFCC009039	LOC_Os03g63940.1
4-01	ABCEFG	624	81.89	48.65	1.66	4.84	12.66	4.33	4.31	10.42	2.72	OsIFCC016083	LOC_Os04g02900.1
4-02	ABCEFG	882	64.06	39.03	1.35	6.72	19.27	3.40	5.58	14.63	2.15	OsIFCC016141	LOC_Os04g04020.1
4-03	ABCEFG	976	27.97	35.72	1.66	9.19	24.59	5.02	8.21	19.57	4.00	OsIFCC016261 <sup>9)</sup>	LOC_Os04g08270.1
4-04	ABCEFG	694	83.57	42.83	1.42	7.28	19.60	4.90	5.89	13.98	3.75	OsIFCC017591	LOC_Os04g35510.2
4-05	ABCEFG	992	42.64	38.66	1.82	7.78	20.97	4.84	7.35	17.64	4.13	OsIFCC017814 <sup>10)</sup>	LOC_Os04g39020.1
4-06	ABCEFG	675	41.33	39.91	1.49	9.07	23.11	5.19	8.04	18.67	3.70	OsIFCC018163	LOC_Os04g43300.1

4-07	ABCEFG	1191	20.57	35.98	1.10	9.82	22.84	5.04	9.82	22.84	5.04	OsIFCC018239	LOC_Os04g44430.1
4-08	ABCEFGL	738	65.58	39.75	1.98	8.16	21.95	5.42	6.87	17.07	3.39	OsIFCC018391	LOC_Os04g46450.1
4-09	ABCEFGL	1675	61.19	40.68	1.74	8.94	23.64	6.03	8.25	20.30	4.36	OsIFCC018763 <sup>11)</sup>	LOC_Os04g52230.1
4-10	ABCEFGL	1089	22.41	36.48	1.37	13.19	31.77	7.71	11.78	27.18	5.51	OsIFCC018831	LOC_Os04g52760.1
4-11	ABCEFGL	685	48.03	38.44	1.11	7.36	19.71	5.11	6.78	16.64	3.80	OsIFCC018940	LOC_Os04g54340.1
4-12	ABCEFGL	798	38.85	52.78	1.24	7.92	21.30	4.76	6.48	15.66	3.38	OsIFCC019034	LOC_Os04g55560.3
5-01	ABCEFGL	299	100.00	51.41	1.13	2.85	7.02	1.00	2.21	5.02	0.33	OsIFCC019404 <sup>12)</sup>	LOC_Os05g01710.3
5-02	ABCEFGL	731	57.73	38.34	1.81	6.72	19.29	3.69	6.19	15.87	2.74	OsIFCC019474	LOC_Os05g02670.1
5-03	ABCEFGL	867	23.53	39.34	1.58	10.38	26.07	6.69	9.10	20.65	4.84	OsIFCC019652	LOC_Os05g05260.1
5-04	ABCEFG	674	24.48	40.33	1.83	10.33	24.78	3.86	10.33	24.78	3.86	OsIFCC019756	LOC_Os05g06690.1
5-05	ABCEFGL	813	41.94	39.16	1.22	12.48	29.89	10.46	11.02	25.46	6.27	OsIFCC019936	LOC_Os05g09490.1
5-06	ABCEFGL	671	64.68	36.82	2.07	7.33	18.33	5.81	6.35	15.05	4.62	OsIFCC020049	LOC_Os05g11850.1
5-07	ABCEFGL	898	27.06	35.17	1.59	10.50	26.95	6.57	9.78	22.61	5.12	OsIFCC020589	LOC_Os05g23260.1
5-08	ABCEFGL	985	80.91	41.17	2.35	5.91	15.84	4.37	5.49	13.71	2.94	OsIFCC020611	LOC_Os05g23600.2
5-09	ABCEFGL	810	53.33	41.21	1.59	8.38	21.73	6.05	7.27	17.41	4.32	OsIFCC020613	LOC_Os05g23620.4
5-10	ABCEFGL	859	42.96	38.71	1.83	7.88	21.65	4.66	6.40	15.72	3.38	OsIFCC020758 <sup>13)</sup>	LOC_Os05g26890.4
5-11	ABCEFGL	264	100.00	48.70	1.60	10.48	23.49	14.39	7.99	20.46	2.65	OsIFCC020966	LOC_Os05g30530.1
5-12	ABCEF	1194	72.95	43.87	1.58	6.67	14.07	4.10	6.67	14.07	4.10	OsIFCC021563	LOC_Os05g39850.1
5-13	ACEFGL	951	34.70	39.77	1.34	9.18	21.98	5.15	8.34	16.72	3.79	OsIFCC021824	LOC_Os05g44310.1
5-14	ABCE	690	37.97	41.59	2.18	4.56	8.55	1.45	4.56	8.55	1.45	OsIFCC022111	LOC_Os05g49230.1
6-01	ABCFL	567	33.33	38.89	1.36	11.12	25.93	7.41	10.03	20.64	6.00	OsIFCC009293	LOC_Os06g03600.2
6-02	ABCEFGL	1037	15.53	37.72	1.52	12.33	29.32	10.03	10.99	24.78	7.62	OsIFCC009322 <sup>14)</sup>	LOC_Os06g03990.1
6-03	ABCEFGL	732	88.52	57.84	1.78	6.05	14.34	6.83	4.88	10.66	5.06	OsIFCC009337 <sup>15)</sup>	LOC_Os06g04200.4
6-04	ABCEFGL	996	34.14	40.84	1.46	11.46	28.92	8.53	9.80	22.89	5.22	OsIFCC009509	LOC_Os06g06030.2
6-05	ABCEFGL	1294	26.12	37.48	1.42	10.31	25.35	6.49	8.84	19.86	4.56	OsIFCC009550 <sup>16)</sup>	LOC_Os06g06560.1
6-06	ABCEFGL	823	44.84	44.90	1.64	8.96	23.33	5.47	8.25	19.44	4.01	OsIFCC009655	LOC_Os06g08005.1
6-07	ABCEFGL	824	51.58	40.95	1.78	7.82	20.15	5.83	7.27	17.11	5.46	OsIFCC010070	LOC_Os06g13810.3
6-08	ABCEFGL	964	36.41	36.77	1.27	9.65	24.69	5.29	8.10	18.88	3.01	OsIFCC010608	LOC_Os06g24704.1

6-09	ABCEFG	1079	100.00	52.10	1.53	9.43	26.32	4.54	5.86	14.64	2.87	OsIFCC011200 <sup>17)</sup>	LOC_Os06g37364.2
6-10	ABCEFG	791	46.52	39.91	1.58	9.36	24.78	7.59	8.22	20.10	4.93	OsIFCC011734	LOC_Os06g45000.2
6-11	ABCEFG	518	58.11	41.12	1.53	8.84	22.39	7.72	7.76	17.95	6.37	OsIFCC011884	LOC_Os06g46930.1
6-12	ABCEG	1289	50.04	42.71	1.78	3.65	7.68	2.33	3.65	7.68	2.33	OsIFCC011941	LOC_Os06g47840.1
6-13	ABCEFG	742	49.19	42.98	1.72	8.41	22.91	4.99	6.98	16.98	2.83	OsIFCC012135 <sup>18)</sup>	LOC_Os06g51150.2
7-01	ABCEFG	1362	49.05	41.66	2.11	7.79	18.58	4.41	7.79	18.58	4.41	OsIFCC022658	LOC_Os07g07060.1
7-02	ABCEFG	731	29.82	37.43	1.23	10.02	26.81	5.88	8.90	21.75	3.97	OsIFCC022675	LOC_Os07g07260.2
7-03	ABCF	529	14.37	40.96	2.21	8.23	15.12	0.38	8.23	15.12	0.38	OsIFCC022875	LOC_Os07g10130.1
7-04	ABCEG	1091	7.61	39.75	1.04	10.41	22.00	1.74	10.41	22.00	1.74	OsIFCC022941	LOC_Os07g11060.2
7-05	ABCEFG	1054	60.25	42.89	1.17	7.84	21.63	4.36	7.01	17.55	2.85	OsIFCC023726	LOC_Os07g31340.2
7-06	ABCEFG	1076	49.07	42.54	1.32	11.02	27.70	9.11	10.07	23.70	5.67	OsIFCC024396	LOC_Os07g42300.2
7-07	ABCEFG	938	42.75	38.55	1.88	9.49	24.20	6.40	8.08	19.19	3.63	OsIFCC024429	LOC_Os07g42810.2
7-08	ABCEFG	993	19.64	38.32	2.03	11.50	25.18	5.94	10.51	21.45	4.83	OsIFCC024668	LOC_Os07g46440.2
7-09	ABCEFG	457	50.33	41.82	1.28	10.34	25.82	8.97	9.21	21.23	7.00	OsIFCC024700	LOC_Os07g46750.1
8-01	ABCEFG	575	37.91	38.41	1.65	9.11	23.48	6.61	8.11	19.13	3.83	OsIFCC024974	LOC_Os08g01740.2
8-02	ABCFL	1246	43.10	48.02	1.17	10.42	20.55	5.62	9.35	16.53	1.85	OsIFCC025045	LOC_Os08g02640.1
8-03	ABCEFG	691	50.07	44.72	2.00	8.75	21.42	7.96	7.78	17.66	5.93	OsIFCC025228	LOC_Os08g05830.1
8-04	ABCEFG	693	41.99	43.33	1.74	8.58	20.64	8.23	8.66	20.64	4.19	OsIFCC025278	LOC_Os08g06530.1
8-05	ABCEFG	575	38.61	41.20	1.51	9.13	23.65	5.39	8.35	20.00	4.17	OsIFCC025286	LOC_Os08g06630.4
8-06	ABCG	735	68.30	49.13	1.59	3.67	6.53	1.77	3.67	6.53	1.77	OsIFCC025775	LOC_Os08g14450.1
8-07	ABCEFG	2082	57.78	40.80	1.44	5.36	13.55	2.69	5.36	13.55	2.69	OsIFCC026144 <sup>19)</sup>	LOC_Os08g20660.2
8-08	ABCEFG	634	35.80	35.41	1.60	8.59	22.87	5.99	6.95	16.56	4.26	OsIFCC026184 <sup>20)</sup>	LOC_Os08g22354.1
8-09	ABCFL	590	15.76	39.96	1.08	14.23	31.02	8.81	11.77	22.54	6.44	OsIFCC026346	LOC_Os08g25460.1
8-10	ABCEFG	666	33.48	37.26	1.85	10.66	28.38	7.06	9.23	22.07	5.56	OsIFCC026796	LOC_Os08g33076.1
8-11	ABCEFG	772	72.67	56.06	1.24	7.94	21.76	4.40	7.32	18.14	3.37	OsIFCC027043	LOC_Os08g36790.1
8-12	ABCEFG	888	53.72	41.17	1.19	9.09	24.66	5.18	8.34	20.72	3.38	OsIFCC027081	LOC_Os08g37444.5
9-01	ABCEFG	460	41.96	37.99	0.98	7.85	20.00	6.09	6.68	15.65	4.57	OsIFCC027859	LOC_Os09g06499.1
9-02	ABCEFG	1238	66.64	45.52	2.38	6.21	17.12	3.31	5.05	12.84	2.18	OsIFCC027894	LOC_Os09g07300.1

9-03	ABCFGL	1210	22.73	36.80	1.17	10.66	24.55	4.71	9.77	19.50	3.64	OsIFCC027959	LOC_Os09g08390.4
9-04	ABCEFG	590	51.53	36.42	1.61	8.58	22.20	7.29	7.89	18.31	6.10	OsIFCC027996	LOC_Os09g09480.2
9-05	ABCEFG	859	63.56	40.73	1.76	7.49	20.49	5.47	7.12	17.11	4.77	OsIFCC028658	LOC_Os09g22450.1
9-06	ABCEGL	1230	17.40	36.87	1.07	10.84	22.93	5.45	9.38	16.26	3.09	OsIFCC028803	LOC_Os09g25640.1
9-07	ABCEFG	1307	35.04	37.33	1.71	8.56	22.88	5.51	7.61	18.75	4.21	OsIFCC029321	LOC_Os09g33980.1
9-08	ABCEFG	793	61.54	42.04	1.67	8.11	20.43	7.31	6.96	16.27	5.68	OsIFCC029322	LOC_Os09g33986.2
9-09	ABCEFG	877	64.20	39.82	1.68	7.63	20.07	5.82	7.09	17.10	3.99	OsIFCC029340	LOC_Os09g34190.1
9-10	ABCEFG	443	61.17	49.82	1.25	7.18	17.38	6.77	6.31	14.45	4.06	OsIFCC029466	LOC_Os09g36800.1
10-01	ABCEFG	637	29.20	37.21	2.01	8.23	20.72	5.18	7.21	17.27	2.67	OsIFCC030113	LOC_Os10g10190.1
10-02	ABCE	2086	19.13	42.11	1.37	5.65	10.07	1.92	5.65	10.07	1.92	OsIFCC030157	LOC_Os10g11140.1
10-03	ABCE	754	23.87	42.74	2.13	4.68	8.62	0.27	4.68	8.62	0.27	OsIFCC030576	LOC_Os10g23120.1
10-04	ABCEGL	372	51.61	39.18	0.94	6.51	16.67	2.15	4.54	10.22	1.08	OsIFCC030673	LOC_Os10g25320.3
10-05	ABCEFG	1023	20.82	42.46	1.34	11.59	26.00	5.96	11.59	26.00	5.96	OsIFCC030724	LOC_Os10g26140.2
10-06	ABCEFG	748	43.58	40.72	1.26	7.84	19.92	6.15	6.90	16.18	3.61	OsIFCC030908	LOC_Os10g29660.1
10-07	ABCEFG	996	31.02	37.10	1.28	9.24	24.80	5.02	7.60	18.57	3.82	OsIFCC031025	LOC_Os10g31520.2
10-08	ABCEFG	453	25.83	37.08	1.21	11.89	31.57	6.40	10.48	24.72	4.64	OsIFCC031142	LOC_Os10g33270.1
10-09	ABCEL	739	21.11	40.30	1.60	5.69	13.26	0.41	2.39	4.74	0.14	OsIFCC031711	LOC_Os10g41340.1
10-10	ABCE	876	65.64	44.79	2.05	2.65	4.91	0.91	2.65	4.91	0.91	OsIFCC031753	LOC_Os10g41960.1
10-11	ABCEFG	603	0.00	38.23	1.55	12.23	30.85	6.80	10.48	24.38	5.31	OsIFCC031807 <sup>21)</sup>	LOC_Os10g42720.1
11-01	ABCEGL	1158	33.07	40.00	1.60	8.15	19.52	4.49	6.55	14.51	1.21	OsIFCC034196	---
11-02	ABCEFG	843	41.16	38.38	1.34	11.56	25.86	10.08	10.60	22.54	8.54	OsIFCC034358	LOC_Os11g07916.1
11-03	ABCEFG	937	63.39	45.81	1.56	8.11	20.60	7.47	7.25	16.65	5.55	OsIFCC034489 <sup>22)</sup>	LOC_Os11g10480.2
11-04	ABCEFG	1109	53.56	47.93	1.21	8.94	22.54	7.48	8.22	19.30	5.86	OsIFCC034491 <sup>23)</sup>	LOC_Os11g10510.1
11-05	ABCEFG	970	14.43	33.63	1.25	14.83	31.34	11.75	12.92	24.85	10.41	OsIFCC034620	LOC_Os11g13810.1
11-06	ABCEFG	689	18.72	37.78	1.21	11.85	26.27	6.82	11.85	26.27	6.82	OsIFCC034777	LOC_Os11g17610.1
11-07	ABCEFG	914	33.15	36.20	1.32	11.54	29.21	9.08	9.09	21.77	5.80	OsIFCC035427	LOC_Os11g33090.1
11-08	ABCEFG	844	15.76	34.69	1.43	9.51	23.58	7.82	8.99	19.79	6.64	OsIFCC035472	LOC_Os11g34200.2
11-09	ABCE	1098	24.32	41.95	1.52	8.62	14.85	4.28	8.62	14.85	4.28	OsIFCC035610	LOC_Os11g36390.1

11-10	ABCEFGL	639	32.39	40.87	2.08	9.64	25.98	5.79	8.69	21.13	3.91	OsIFCC035654	LOC_Os11g37130.1
11-11	ABCEFGL	918	27.12	36.02	1.47	8.82	23.42	5.45	8.48	20.48	4.68	OsIFCC035694	LOC_Os11g38990.3
11-12	ABCEFGL	964	6.02	36.06	1.36	14.55	31.02	8.40	12.69	24.79	6.85	OsIFCC035700	LOC_Os11g38920.1
11-13	ABCEFGL	386	70.47	43.49	2.24	6.32	16.58	5.18	5.83	14.25	3.63	OsIFCC035910	LOC_Os11g43510.1
12-01	ABCEFGL	889	37.57	35.60	1.70	9.18	24.30	5.96	8.04	19.46	4.27	OsIFCC032170	LOC_Os12g06200.2
12-02	ABCEFGL	1088	51.01	39.27	1.36	11.46	28.40	9.74	10.44	23.90	7.17	OsIFCC032605 <sup>24)</sup>	LOC_Os12g15470.1
12-03	ABCFGL	631	17.27	38.53	1.23	11.78	25.04	5.07	11.05	21.24	3.49	OsIFCC033021	LOC_Os12g29660.1
12-04	ABCEFGL	683	38.80	36.12	1.58	9.35	24.31	5.86	7.81	18.74	3.66	OsIFCC033140	LOC_Os12g31810.1
12-05	ABCEFGL	787	63.91	38.05	1.56	6.75	17.92	4.57	6.19	15.12	2.92	OsIFCC033292	LOC_Os01g27750.1
12-06	ABCEFGL	777	30.63	35.68	1.55	10.80	27.80	6.18	10.20	23.81	5.41	OsIFCC033332	LOC_Os12g35570.3
12-07	ABCEGL	478	69.87	48.60	1.74	4.82	12.13	2.93	3.97	9.21	1.05	OsIFCC033336	LOC_Os12g35630.1
12-08	ABCEFGL	1206	30.85	36.99	1.43	9.67	24.46	6.55	8.68	20.32	4.73	OsIFCC033507	LOC_Os12g38380.1
12-09	ABCE	1495	31.91	42.86	1.23	5.07	9.70	0.20	5.07	9.70	0.20	OsIFCC033909	---
Total	ABCEFGL	124079	43.10	41.07	1.40	9.22	21.63	5.44	8.13	17.76	3.95	---	---

\* not available

1) ~ 24) stand for the 24 genes that were single copies demonstrated by the following studies:

1) *TPI* [1]; 2) *NADH-GOGAT* [2]; 3) *AATI* [3]; 4) *SPS* [4]; 5) *TFIIA $\gamma$ 1* [5]; 6) *CPSI* [6]; 7) *KAO* [6]; 8) *RGRC2* [7]; 9) *SDBE* [8]; 10) *BADH* [9]; 11) *KSI* [6]; 12) *TFIIA $\gamma$ 5* [5]; 13) *GPAT* [10]; 14) *ACS2* [11]; 15) *Waxy* [12]; 16) *SSSI* [13]; 17) *KO2* [6]; 18) *CatB* [14]; 19) *CEN6733* [15]; 20) *CEN6729* [15]; 21) *GPAT* [16]; 22) *Adh1* [17]; 23) *Adh2* [17]; 24) *CBPI* [18].

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