

**S8 Table:** MPSS data for *O. sativa* SAGA complex encoding genes showing different tissue-specific abundance.

LOCUS	Signature	NYR	NRA	NRB	NGD	NST	NYL	NLA	NLB	NLC	NLD	NME	NPO	NOS	NIP	NGS	NCA
LOC_Os01g02860 Spt20	20	0	0	0	3	0	0	0	0	0	0	12	0	0	0	0	0
	17	0	0	0	2	0	0	0	0	0	0	10	0	0	0	0	0
LOC_Os01g23630 TAF13/Spt3	20	69	69	9	0	0	45	18	2	0	2	29	84	182	67	78	121
	17	82	56	10	66	32	33	18	0	28	10	28	70	198	73	106	82
LOC_Os01g32750 Taf6	20	0	0	53	0	16	54	0	0	0	0	0	0	5	0	0	7
	17	0	0	44	0	40	46	0	29	0	2	0	0	24	0	0	26
LOC_Os01g62820 Taf12b	20	0	3	0	0	0	64	0	0	0	0	0	0	0	0	0	0
	17	0	3	0	0	0	77	0	0	0	0	3	0	27	0	0	3
LOC_Os01g63940 Taf12b	20	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	24
	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
LOC_Os01g69110 Sus1	20	0	45	0	6	45	43	12	0	0	0	33	0	4	23	0	0
	17	2	44	0	12	31	32	8	5	0	0	25	0	4	49	3	21
LOC_Os03g29470 Taf9	20	0	17	0	0	0	0	0	0	4	34	0	0	0	0	4	0
	17	2	40	19	0	0	41	0	7	3	43	0	0	64	18	3	64
LOC_Os03g53960 Ada2b	20	196	70	186	38	46	126	46	309	249	262	64	29	80	178	124	155
	17	166	70	173	38	78	142	78	277	204	228	57	30	71	162	136	127
LOC_Os03g55450 Ada1b	20	9	0	82	0	6	0	24	198	141	133	56	49	73	156	0	36
	17	21	23	64	22	9	21	39	162	115	108	60	44	64	135	14	59
LOC_Os04g55360 Ubp22	20	0	0	0	0	0	3	0	0	0	5	0	6	0	28	4	0
	17	0	11	0	0	0	2	0	0	0	3	0	7	10	37	9	0
LOC_Os05g28300 Ada3	20	0	20	0	0	25	0	0	0	14	0	21	0	0	0	0	0
	17	9	36	3	0	26	21	0	1	11	0	20	48	6	43	0	0
LOC_Os05g28370 Sgf11	20	There are no expressed signatures associated with LOC_Os05g28370															
	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOC_Os06g43790 Haf01/Spt7	20	0	98	145	0	0	31	9	279	86	175	95	85	176	23	36	43
	17	0	81	150	0	0	25	7	208	66	134	91	73	134	18	43	53
LOC_Os06g44030 Taf5	20	3	5	28	0	22	24	42	22	15	0	57	0	87	17	0	68
	17	5	4	19	0	15	3	0	0	0	0	0	0	17	0	0	0
LOC_Os07g42150 Taf9b	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOC_Os07g45064 Tra1	20	297	560	374	339	198	348	511	1131	424	525	785	228	2295	364	163	452
	17	218	440	297	499	148	275	393	865	329	419	627	188	1732	290	121	365
LOC_Os09g26180 Taf10	20	75	90	119	57	242	293	274	142	226	38	158	78	316	219	55	322
	17	68	87	98	92	184	236	214	119	211	48	134	127	262	184	45	267
LOC_Os10g28040 Gcn5	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOC_Os12g19350 Sgf29	20	23	0	149	0	1	8	9	0	0	2	0	18	62	0	9	11
	17	19	0	121	1	0	6	18	0	0	2	0	21	51	0	25	31
LOC_Os12g39090 Ada1a	20	0	0	17	0	0	0	0	0	0	0	0	0	15	0	0	0
	17	0	0	18	4	0	1	0	0	0	0	2	2	12	0	0	0

NYR	14 days - Young Roots,	NRA	60 days - Mature Roots - Replicate A
NRB	60 days - Mature Roots - Replicate B,	NGD	10 days - Germinating seedlings grown in dark
NST	60 days - Stem,	NYL	14 days - Young leaves
NLA	60 days - Mature Leaves - Replicate A ,	NLB	60 days - Mature Leaves - Replicate B
NLC	60 days - Mature Leaves - Replicate C,	NLD	60 days - Mature Leaves - Replicate D
NME	60 days - Crown vegetative meristematic tissue	NPO	Mature Pollen,
NOS	Ovary and mature stigma	NIP	90 days - Immature panicle,
NGS	3 days - Germinating seed	NCA	35 days - Callus