

Supplementary Table 1. Statistics of raw reads and mapped reads

Sample ID	Sample	Raw reads	Bowtie2 mapped reads	Uniquely mapped reads	Reads without internal priming
1	dry-seed1	21458974	2964328	2303142	2089489
2	dry-seed2	22699786	3536414	2888699	2646554
3	dry-seed3	46404080	5261016	4123171	3791013
4	embryo1	18820879	2294702	2002551	1875675
5	embryo2	28802595	4585941	4047443	3765150
6	endosperm1	25870863	2761630	2268634	2085541
7	endosperm2	13749011	1743871	1411905	1293690
8	endosperm3	70897658	9612488	7776249	7159670
9	imbibed-seed1	18583506	2703553	2065008	1896284
10	imbibed-seed2	29331697	5382114	4342058	4028716
11	imbibed-seed3	16284090	1749111	1317956	1222367
12	seedling-shoot1	22408271	2970465	2603169	2396057
13	seedling-shoot2	20714519	3538296	3140717	2877422
14	seedling-shoot3	21445807	3700971	3280311	3021151
15	20-day-Leaf1	22557685	3715423	3394066	3158098
16	20-day-Leaf 2	25564327	4669060	4252212	3961497
17	20-day-Leaf 3	22330655	3190259	2903421	2711765
18	60-day-leaf1	22525418	3095417	2647935	2473817
19	60-day-leaf 2	25252158	4149232	3634209	3390228
20	60-day-leaf s3	22574049	3647308	3226606	3013538
21	60-day-stem1	23029280	4292277	3870702	3595687
22	60-day-stem 2	20303163	4070144	3686757	3433195
23	60-day-stem 3	30141598	4398876	3960751	3698030
24	5-day- root1	17627773	2525145	2263223	2112481
25	5-day- root 2	43099836	7408252	6663498	6211557
26	5-day- root 3	29620339	5180824	4638854	4324688
27	60-day- root 1	22617547	3082540	2683611	2434691
28	60-day- root s2	22063271	3414739	2989679	2686902
29	60-day- root s3	21180470	3744824	3315197	3012957
30	husk1	24978085	4933660	4555095	4210352
31	husk2	27458901	4887980	4477383	4117928
32	husk3	28553488	3920786	3560093	3291488
33	anther1	12345603	1584248	1387606	1287639
34	anther2	18858260	2765445	2394287	2216647
35	anther3	25978403	5765927	5218964	4825205
36	mature-pollen1	19680704	4358249	3556918	3283215
37	mature-pollen2	24482543	5790956	4650939	4314169
38	mature-pollen3	22320482	4316173	3474769	3242327
39	pistil1	44280998	8658441	7751346	7220310
40	pistil2	55698635	11925719	10723164	10012006
41	pistil3	47046074	11733961	10586274	9905071