

**Table S12. The number of significantly differentially expressed bothTD pairs and bothNotTD pairs.**

sample	1299 bothTD RBH pairs			2936 bothNotTD RBH pairs			T-test p value
	DEGs	notDEGs	DEG ratio (%)	DEGs	notDEGs	DEG ratio (%)	
<b>leaves</b>							
S_W18h	510	789	39.3	1598	1338	54.4	7.55e-20
S_W24h	511	788	39.3	1577	1359	53.7	5.22e-18
S_W36h	546	753	42.0	1627	1309	55.4	1.08e-15
TS_W24h	609	690	46.9	1736	1200	59.1	1.93e-13
TS_W36h	533	766	41.0	1613	1323	54.9	6.89e-17
<b>flowers</b>							
AntherBA	287	1012	22.1	1284	1652	43.7	4.54e-43
CalyptraBA	480	819	37.0	1705	1231	58.1	5.56e-37
CalyxAA	181	1118	13.9	942	1994	32.1	9.96e-38
CalyxBA	538	761	41.4	1766	1170	60.1	2.17e-29
EmbryoAA	559	740	43.0	2068	868	70.4	2.33e-63
FilamentBA	22	1277	1.7	117	2819	4.0	7.28e-05
OvaryAA	577	722	44.4	2033	903	69.2	4.88e-52
OvaryBA	394	905	30.3	1324	1612	45.1	1.00e-19
StigmaAA	619	680	47.7	2078	858	70.8	2.75e-46
StigmaBA	14	1285	1.1	69	2867	2.4	0.00539
<b>fruits</b>							
C_EL	556	743	42.8	2003	933	68.2	3.32e-54
C_MR	433	866	33.3	1912	1024	65.1	1.42e-82
C_HR	468	831	36.0	1916	1020	65.3	4.86e-70