

**Supplementary table 1: Details of dataset used in the study**

Run	Bases	BioProject	Bytes	Platform	replicate	tissue
SRR19370470	7344279412	PRJNA660399	3061162419	ILLUMINA	biological replicate 4	Leaf
SRR19370471	13791886698	PRJNA660399	5695062362	ILLUMINA	biological replicate 3	Leaf
SRR19370472	10200914928	PRJNA660399	4266499454	ILLUMINA	biological replicate 2	Leaf
SRR19370473	13002113512	PRJNA660399	5492707351	ILLUMINA	biological replicate 1	Leaf
SRR19370474	38323301096	PRJNA660399	14086633549	ILLUMINA	biological replicate 3	Bud
SRR19370475	7680887102	PRJNA660399	2858216932	ILLUMINA	biological replicate 2	Bud
SRR19370476	6534568488	PRJNA660399	2416642059	ILLUMINA	biological replicate 1	Bud
SRR19370477	14435995318	PRJNA660399	5970793998	ILLUMINA	biological replicate 3	Peduncle
SRR19370478	8351919324	PRJNA660399	3465011122	ILLUMINA	biological replicate 4	Leaf
SRR19370479	11214361998	PRJNA660399	4663633749	ILLUMINA	biological replicate 2	Peduncle
SRR19370480	13354964272	PRJNA660399	5581733508	ILLUMINA	biological replicate 1	Peduncle
SRR19370481	8645538824	PRJNA660399	3666635785	ILLUMINA	biological replicate 3	Bud
SRR19370482	12371443892	PRJNA660399	5215450868	ILLUMINA	biological replicate 2	Bud
SRR19370483	11289780156	PRJNA660399	4739273051	ILLUMINA	biological replicate 1	Bud
SRR19370484	1084822958	PRJNA660399	447547201	ILLUMINA	biological replicate 3	Stem
SRR19370485	14649472172	PRJNA660399	5964658261	ILLUMINA	biological replicate 2	Stem
SRR19370486	5069349954	PRJNA660399	2138173857	ILLUMINA	biological replicate 1	Stem
SRR19370487	13960129690	PRJNA660399	5880654372	ILLUMINA	biological replicate 2	Peduncle
SRR19370488	12571538220	PRJNA660399	5282210623	ILLUMINA	biological replicate 1	Peduncle
SRR19370489	17156100560	PRJNA660399	6974232712	ILLUMINA	biological replicate 3	Leaf
SRR19370490	11001466494	PRJNA660399	4080405887	ILLUMINA	biological replicate 6	Bud
SRR19370491	7419410972	PRJNA660399	2723619989	ILLUMINA	biological replicate 5	Bud
SRR19370492	9260861106	PRJNA660399	3406961472	ILLUMINA	biological replicate 4	Bud
SRR19370493	15937743168	PRJNA660399	6605616563	ILLUMINA	biological replicate 3	Bud
SRR19370494	14045834874	PRJNA660399	5569102107	ILLUMINA	biological replicate 2	Bud
SRR19370495	10400969996	PRJNA660399	4172999050	ILLUMINA	biological replicate 1	Bud
SRR19370496	13499616836	PRJNA660399	5537679398	ILLUMINA	biological replicate 3	Leaf
SRR19370497	13248983412	PRJNA660399	5453531326	ILLUMINA	biological replicate 2	Leaf
SRR19370498	17477019350	PRJNA660399	7266753422	ILLUMINA	biological replicate 1	Leaf
SRR19370499	7157917326	PRJNA660399	2991900526	ILLUMINA	biological replicate 6	Leaf
SRR19370500	7126136356	PRJNA660399	2915855288	ILLUMINA	biological replicate 2	Leaf
SRR19370501	7564308760	PRJNA660399	3167884255	ILLUMINA	biological replicate 5	Leaf
SRR19370502	19457188654	PRJNA660399	7746341347	ILLUMINA	biological replicate 1	Bud
SRR19370503	8620647984	PRJNA660399	3575109041	ILLUMINA	biological replicate 6	Leaf
SRR19370504	6400033528	PRJNA660399	2659788874	ILLUMINA	biological replicate 3	Leaf
SRR19370505	8304931748	PRJNA660399	3426527678	ILLUMINA	biological replicate 2	Leaf
SRR19370506	8893618536	PRJNA660399	3751390454	ILLUMINA	biological replicate 1	Leaf
SRR19370507	8241003180	PRJNA660399	3437116903	ILLUMINA	biological replicate 5	Leaf
SRR19370508	7000139842	PRJNA660399	2897525872	ILLUMINA	biological replicate 6	Leaf

SRR19370509	7661857176	PRJNA660399	3185593029	ILLUMINA	biological replicate 5	Leaf
SRR19370510	10112881928	PRJNA660399	4168625715	ILLUMINA	biological replicate 4	Leaf
SRR19370511	14700970118	PRJNA660399	5825152352	ILLUMINA	biological replicate 3	Leaf
SRR19370512	12649465092	PRJNA660399	5072483726	ILLUMINA	biological replicate 2	Leaf
SRR19370513	13303751716	PRJNA660399	5293182305	ILLUMINA	biological replicate 1	Leaf
SRR19370514	12016733114	PRJNA660399	4444420814	ILLUMINA	biological replicate 6	Bud
SRR19370515	7464461218	PRJNA660399	2761874899	ILLUMINA	biological replicate 5	Bud
SRR19370516	11295369270	PRJNA660399	4165693119	ILLUMINA	biological replicate 4	Bud
SRR19370517	15215616472	PRJNA660399	6243772452	ILLUMINA	biological replicate 3	Bud
SRR19370518	13067914480	PRJNA660399	5385303393	ILLUMINA	biological replicate 2	Bud
SRR19370519	14223001060	PRJNA660399	5637604433	ILLUMINA	biological replicate 1	Leaf
SRR19370520	12983717182	PRJNA660399	5284483121	ILLUMINA	biological replicate 1	Bud
SRR19370521	5168454576	PRJNA660399	2111715327	ILLUMINA	biological replicate 3	Peduncle
SRR19370522	13510313374	PRJNA660399	5539638730	ILLUMINA	biological replicate 2	Peduncle
SRR19370523	9658151770	PRJNA660399	3917742928	ILLUMINA	biological replicate 1	Peduncle
SRR19370524	10010033412	PRJNA660399	3688914558	ILLUMINA	biological replicate 6	Bud
SRR19370525	8412368550	PRJNA660399	3112099922	ILLUMINA	biological replicate 5	Bud
SRR19370526	10854851232	PRJNA660399	4047358142	ILLUMINA	biological replicate 4	Bud
SRR19370527	15575845696	PRJNA660399	6252971044	ILLUMINA	biological replicate 3	Bud
SRR19370528	16664201752	PRJNA660399	6681653638	ILLUMINA	biological replicate 2	Bud
SRR19370529	11235809434	PRJNA660399	4442598330	ILLUMINA	biological replicate 1	Bud
SRR19370531	11320770188	PRJNA660399	4643429526	ILLUMINA	biological replicate 2	Flower
SRR19370532	22987152800	PRJNA660399	9455359686	ILLUMINA	biological replicate 1	Flower
SRR19370533	17976988504	PRJNA660399	7486824550	ILLUMINA	biological replicate 3	Peduncle
SRR19370534	12209844900	PRJNA660399	5166592201	ILLUMINA	biological replicate 2	Peduncle
SRR19370535	3094151268	PRJNA660399	1258825977	ILLUMINA	biological replicate 1	Peduncle
SRR19370536	9767997022	PRJNA660399	3603867692	ILLUMINA	biological replicate 6	Bud
SRR19370537	10793227830	PRJNA660399	3980688192	ILLUMINA	biological replicate 5	Bud
SRR19370538	11170828396	PRJNA660399	4270014207	ILLUMINA	biological replicate 4	Bud
SRR19370539	14310551766	PRJNA660399	5959103964	ILLUMINA	biological replicate 3	Bud
SRR19370540	17220309988	PRJNA660399	6916809479	ILLUMINA	biological replicate 2	Bud