

Supplementary Table 1 The tissue RNA-seq data sources used in NONCODEV6.

Species	Tissue	Data source	Citation	
<i>Arabidopsis thaliana</i>	Whole Seedlings (3-day-old)	SRR9682375	[1]	
		SRR9682376		
		SRR9682377		
	Cotyledons (3-day-old)	SRR9682378		
		SRR9682379		
		SRR9682380		
	Roots (3-day-old)	SRR9682381		
		SRR9682382		
		SRR9682383		
	Leaves	SRR10205863		[2]
		SRR10205864		
		SRR10205865		
	Stems	SRR10205866		
		SRR10205867		
		SRR10205868		
	Sperm cells	SRR7945266		[3]
		SRR7945267		
		SRR7945268		
	Mature pollen	SRR10166243		
		SRR10166244		
		SRR10166245		
Flowers(floral bud)	SRR800753	[4]		
	SRR800754			
Whole root (10-day-old)	SRR1046909	[5]		
	SRR1046910			
Seed(dry)	SRR5227391			
	SRR5227392			
	SRR5227393			
Flower Receptacles	SRR401413;SRR401414;SRR401415		[6]	
	SRR401416;SRR401417;SRR401418			
	SRR401419;SRR401420;SRR401421			
<i>Cucumis sativus</i>	Ovary (unexpanded)		SRR351476	
	Ovary (fertilized)		SRR351489	
	Ovary (unfertilized)		SRR351495	
	Root		SRR351499	
	Stem		SRR351905	
	Leaf		SRR351906	
	Male flower		SRR351908	
	Tendril		SRR351910	
Tendril base	SRR351911			

	Female flower	SRR351912	
	Caryopsis(7 days after pollination)	SRR10423445	
		SRR10423446	
		SRR10423447	
	Crown root	SRR10060561	
		SRR10060562	
	Lateral root	SRR10060569;SRR10060570	
		SRR10060571;SRR10060572	
	Embryonic root	SRR10060579	
		SRR10060580	
	Egg (mature egg isolated from ovule)	SRR10915165	
		SRR10915166	
	Unicellular zygote (6.5 hours after pollination)	SRR10915167	
		SRR10915168	
<i>Oryza sativa</i>	Seedling root (4-leaf stage)	SRR10045073	
		SRR10045074	[7]
		SRR10045075	
	Leaves (five-week-old)	SRR8062393	
		SRR8062397	
	Endosperm (6 day after pollination)	SRR1743007	
		SRR1743008	
		SRR1743009	
	Shoot (four-leaf stage)	SRR6326699	
		SRR6326700	[8]
SRR6326701			
Pistil(before meiosis)	SRR5278374		
	SRR5278375		
Pistil(during meiosis)	SRR5278376		
	SRR5278377	[9]	
Pistil(after meiosis)	SRR5278378		
	SRR5278379		
<i>Solanum lycopersicum</i>	Floral (HRFR)	SRR786520	
		SRR786521	
	Leaf (HRFR)	SRR786524	
		SRR786525	
	Root (HRFR)	SRR786526	
		SRR786527	
	Seedling (HRFR)	SRR786528	[10]
		SRR786529	
	Stem (HRFR)	SRR786530	
		SRR786531	
Vegetative meristem (HRFR)	SRR786532		
	SRR786533		

	SRR786534
	SRR786535
Floral (LRFR)	SRR786536
	SRR786537
	SRR786540
Leaf (LRFR)	SRR786541
	SRR786542
	SRR786543
Root (LRFR)	SRR786544
	SRR786545
Seedling (LRFR)	SRR786546
	SRR786547
	SRR786548
	SRR786549
Vegetative meristem (LRFR)	SRR786550
	SRR786551
	SRR242505
Seedling	SRR248565
	SRR250415
	SRR254171
Ovule	SRR254172
	SRR254175
	SRR250416
Mature pollen	SRR255405
	SRR252662
	SRR254169
Embryo Sac	SRR254170
	SRR254176
	SRR354212
Mature leaf (mesophyll cell)	SRR354213
	SRR354214
Mature leaf (bundle sheath cell)	SRR354215
	SRR364426
Endosperm	SRR364427
	SRR364428
Leaf (base section)	SRR039501;SRR039502
Leaf (-1cm section)	SRR039503;SRR039504
Leaf (4cm section)	SRR039505;SRR039506
Leaf (tip section)	SRR039507;SRR039508
Immature,unpollinated ear tips	SRR445244
Seedling root	SRR445245
Seedling shoot	SRR445382
Immature tassel	SRR445383

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