Table 1. GRNs built in this study.

study	note	sample_size	reference
stelpflug2016	B73	93	Stelpflug et al. 2016
walley2016	B73	23	Walley et al. 2016
leaf dev	leaf	40	Leaf Dev
seed dev	embryo_endpsperm	61	Seed Dev
dev atlas	combined	139	Dev Atlas
eitchen2013	seedling_leaf3	62	Eitchen et al. 2013
hirsch2014		503	Hirsch et al. 2014
leiboff2015	SAM	383	Leiboff et al. 2015
fu2013	kernel	368	Fu et al. 2013
lin2017	ear	26	Lin et al. 2017
	root	27	
	shoot	27	
	tassel	26	
	SAM		
kremling2018			Kremling et al. 2018
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chaefor2018			Shaefer et al. 2018
			Mazaheri et al. 2019
			Kaeppler et al. 2018
каерріет2016			Raeppier et al. 2016
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112019			Li et al. 2019
	seedling	84	
lin2017	5*27	133	Lin et al. 2017
			Kremling et al. 2018
			Kaeppler et al. 2018
li2019	5*121		Li et al. 2019
root dev	3*15	50	Root Dev
li2013	SAM	107	Li et al. 2013
wang2018	seedling_v2	617	Wang et al. 2018
walley2016	mRNA	23	Walley et al. 2016
	leaf	394	Huang et al. 2018
Huangzuro			
huang2018		176	O
ituarig2016	root SAM	176 406	O
	stelpflug2016 walley2016 leaf dev seed dev dev atlas eitchen2013 hirsch2014 leiboff2015 fu2013 lin2017 kremling2018 li2019 lin2017 kremling2018 kaeppler2018 li2019 root dev li2013	stelpflug2016 B73 leaf dev leaf seed dev embryo_endpsperm dev atlas combined eitchen2013 seedling_leaf3 hirsch2014 seedling leiboff2015 SAM fu2013 kernel lin2017 ear root shoot tassel SAM kremling2018 GRoot GShoot Kern L3Base L3Tip LMAD LMAN shaefer2018 root_GCN mazaheri2019 seedling kaeppler2018 endosperm internode leaf root seedling li2019 endosperm internode leaf root seedling li2019 endosperm internode leaf root seedling liin2017 5*27 kremling2018 5*96 li2019 5*121 root dev 3*15 li2013 SAM wang2018 seedling_v2	stelpflug2016 B73 93 walley2016 B73 23 leaf dev leaf 40 seed dev embryo_endpsperm 61 dev atlas combined 139 eitchen2013 seedling_leaf3 62 hirsch2014 seedling_leaf3 62 hirsch2015 SAM 383 fu2017 ear 26 root 27 27 shoot 27 27 shoot 27 27 kremling2018 GRoot 274 GShoot 280 280 kern 231 231 L3Base 264 24 L3Tip 266 26 LMAD 204