

Table S5. The syntenic pairs between tobacco and other five plant species

NtZF-HD Gene Name	NtZF-HD Gene ID	AtZF-HD Gene ID	NtZF-HD Gene Name	NtZF-HD Gene ID	SIZF-HD Gene ID
NtZF-HD4	Nitab4.5_0000014g0020.1	AT3G28917.1	NtZF-HD5	Nitab4.5_0001507g0130.1	Solyc04g080490.3.1
NtZF-HD5	Nitab4.5_0001507g0130.1	AT4G24660.2	NtZF-HD6	Nitab4.5_0002224g0080.1	Solyc02g085160.1.1
NtZF-HD5	Nitab4.5_0001507g0130.1	AT1G69600.1	NtZF-HD10	Nitab4.5_0000274g0220.1	Solyc02g067310.3.1
NtZF-HD6	Nitab4.5_0002224g0080.1	AT1G75240.1	NtZF-HD11	Nitab4.5_0000564g0050.1	Solyc02g087970.1.1
NtZF-HD10	Nitab4.5_0000274g0220.1	AT5G15210.1	NtZF-HD11	Nitab4.5_0000564g0050.1	Solyc02g067320.2.1
NtZF-HD10	Nitab4.5_0000274g0220.1	AT5G39760.1	NtZF-HD11	Nitab4.5_0000564g0050.1	Solyc03g116070.1.1
NtZF-HD11	Nitab4.5_0000564g0050.1	AT5G65410.1	NtZF-HD12	Nitab4.5_0003247g0060.1	Solyc01g102980.3.1
NtZF-HD Gene Name	NtZF-HD Gene ID	VvZF-HD ID	NtZF-HD Gene Name	NtZF-HD Gene ID	OsZF-HD Gene ID
NtZF-HD5	Nitab4.5_0001507g0130.1	VIT_18s0001g07140.t01	NtZF-HD5	Nitab4.5_0001507g0130.1	Os08t0479400-01
NtZF-HD6	Nitab4.5_0002224g0080.1	VIT_18s0001g12580.t01	NtZF-HD5	Nitab4.5_0001507g0130.1	Os09t0466400-01
NtZF-HD6	Nitab4.5_0002224g0080.1	VIT_04s0023g01880.t01	NtZF-HD6	Nitab4.5_0002224g0080.1	Os01t0635550-00
NtZF-HD11	Nitab4.5_0000564g0050.1	VIT_01s0026g02450.t01	NtZF-HD Gene Name	NtZF-HD Gene ID	OsZF-HD Gene ID
NtZF-HD11	Nitab4.5_0000564g0050.1	VIT_14s0108g00760.t01	NtZF-HD5	Nitab4.5_0001507g0130.1	Os08t0479400-01
NtZF-HD12	Nitab4.5_0003247g0060.1	VIT_12s0035g01880.t01			
Common collinear NtZF-HD gene pairs in rice and maize		Common collinear NtZF-HD gene pairs in grape, tomato and Arabidopsis		Common collinear NtZF-HD gene pairs in grape, Arabidopsis, rice and maize	
NtZF-HD5		NtZF-HD5		NtZF-HD5	
		NtZF-HD6			
		NtZF-HD11			