

Supplemental Table S7. Geographical origin and grouping of 19 material

Species	TAXONOMY	Geographical sources	ploidy	population
PI422030	<i>Phalaris arundinacea L</i>	Missouri, United States	Tetraploid	NoA
PI578796	<i>Phalaris arundinacea L</i>	Iowa, United States	Tetraploid	NoA
PI357645	<i>Phalaris arundinacea L</i>	Ontario, Canada	Tetraploid	NoA
PI578792	<i>Phalaris arundinacea L</i>	Oregon, United States	Hexaploid	NoA
PI531088	<i>Phalaris arundinacea L</i>	Iowa, United States	Tetraploid	NoA
PI578795	<i>Phalaris arundinacea L</i>	California, United States	Hexaploid	NoA
Chuancao yin No 3	<i>Phalaris arundinacea L</i>	United States	Unknown	NoA
PI578791	<i>Phalaris arundinacea L</i>	Wisconsin, United States	Tetraploid	NoA
PI578794	<i>Phalaris arundinacea L</i>	Iowa, United States	Tetraploid	NoA
PI587092	<i>Phalaris arundinacea L</i>	Québec, Canada	Tetraploid	NoA
PI 422031	<i>Phalaris arundinacea L</i>	Missouri, United States	Hexaploid	NoA
PI272122	<i>Phalaris arundinacea L</i>	Poland	Tetraploid	EU
PI272123	<i>Phalaris arundinacea L</i>	Poland	Tetraploid	EU
PI237724	<i>Phalaris arundinacea L</i>	Germany	Tetraploid	EU
PI587193	<i>Phalaris arundinacea L</i>	Hungary	Tetraploid	EU
PI505893	<i>Phalaris arundinacea L</i>	Former, Soviet Union	Tetraploid	AS
Chuan xi	<i>Phalaris arundinacea L</i>	China	Unknown	AS
PI578782	<i>Phalaris aquatica L.</i>	Texas, United States	Tetraploid	Pa
PI578783	<i>Phalaris aquatica L.</i>	Israel	Tetraploid	Pa