

Table 4. SSR genotyping of non-recovered and recovered, but non-race typed isolates (additional to Table 3). Results are shown by number of isolates and frequency per group (common name). Significant genotypes corresponding to new races 2015-2016 are highlighted. Testing of additional isolates is ongoing. These genotyping results are not yet (January 2017) included in the graphic presentation of race distribution at www.wheatrust.org.

Crop season (Year)	Geographic group	Country	SSR genotype (common name)*	Number of isolates	% of isolates		
2016	Africa, Asia	Afghanistan	"AF2012"	3	6,7		
		Azerbaijan	PstS2	1	2,2		
		Eritrea	ET unique	5	11,1		
			Other	1	2,2		
		Ethiopia	"AF2012"	13	28,9		
		Iraq	PstS2	7	15,6		
		Tanzania	PstS2	1	2,2		
		Uzbekistan	AF unique	1	2,2		
			PstS5	13	28,9		
		Africa & Asia Total				45	100,0
		Europe	Denmark		Pst(new)	1	1,6
					Kranich	3	4,7
					Warrior(-)	14	21,9
	Finland			Pst(new)	1	1,6	
				Warrior	2	3,1	
				Warrior(-)	2	3,1	
	Latvia			Warrior	4	6,3	
	Norway			Pst(new)	1	1,6	
				Triticale2015	2	3,1	
				Warrior(-)	3	4,7	
	Spain			Triticale2015	1	1,6	
				Warrior	4	6,3	
				Warrior(-)	4	6,3	
	Sweden			Kranich	6	9,4	
				NW-European	1	1,6	
				Pst(new)	1	1,6	
				Triticale2015	3	4,7	
			Warrior	1	1,6		
Ukraine			Warrior(-)	8	12,5		
			Triticale2006	1	1,6		
			Triticale2015	1	1,6		
Europe total				64	100		
2016 Grand total				109			

* corresponding virulence phenotype, see table 3 with races

