Table S3 Introgression analysis. Tests for introgression of the P3 strain into P1 or P2 strains that are more closely related with each other than to P1, using stickleback as the outgroup (O). D% is the introgression test statistic, on which the standard error (SE), 95% confidence intervals (CI) and Z-scores were estimated using block-wise jackknife (Durand *et al.* 2011).

P1	P2	P3	O	D%	SE	95% CI	Z-score
Kaga	**Hni**	**HdrR**	Stickleback	**3.6**	**1.3**	**2.5**	**2.77**
Kaga	Hni	Wild Southern	"	2.6	1	2	2.5
Kaga	Hni	Wild Southern (SNPs with HdrR)	"	-4	3.6	7.1	1.1
Nilan	**Hsok**	**HdrR**	"	**−12.3**	**4.66**	**9.1**	**2.64**
Nilan	Hsok	Wild Southern	"	−10.4	5.27	10.3	1.96
Nilan	Hsok	Wild Southern (SNPs with HdrR)	"	7.6	6.5	12.8	0.6
Nilan	Hsok	Kaga	"	−0.7	2.5	4.9	0.28

Tests for introgression of the P3 strain into P1 or P2 strains that are more closely related with each other than to P1, using stickleback as the outgroup (O). D% is the introgression test statistic, on which the standard error (SE), 95% confidence intervals (CI) and Z-scores were estimated using block-wise jackknife.

M. Spivakov *et al.*