Table S5. Maximum likelihood analysis of a Kingman-coalescent HKA test of neutrality and selection at three genes in Atlantic cod.

					Hba2		Муд		Ckma	
Description	$\ln L$	T	Test	df	$\overline{\theta}$	\overline{k}	θ	\overline{k}	θ	\overline{k}
Neutral, all $k = 1$	-18.66	2.46			0.0035	1	0.0068	1	0.0056	1
Selection at Ckma	-17.47	3.86	2.38	1	0.0029	1	0.0054	1	0.0032	2.12

Test is twice the $\ln L$ difference of the two models, neutrality and selection at Ckma. Three loci are under test: Hemoglobin α 2 ($Hb\alpha 2$), Myoglobin (Myg), and Creatine Kinase Muscle (Ckma). θ is the scaled effective population size and the parameter k measures changes in diversity due to selection. Based on method of Wright and Charlesworth (2004).