**Appendix S5**

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a

****

b

**Fig.S5.8:** Plots of results of Bayescan analysis, with highly differentiated loci meeting the criteria as candidates for selection separated to the right of the vertical line: **8a**) *n* = 50 selection candidate loci from range-wide *H. gammarus* samples, and; **8b**) *n* = 80 selection candidate loci from range-wide *P. elephas* samples.