Effects of salmon lice infection on the behaviour of sea trout in the marine phase

Karl Øystein Gjelland¹*, Rosa Maria Serra-Llinares², Richard David Hedger³, Pablo Arechavala-Lopez²³⁴, Rune Nilsen², Bengt Finstad³, Ingebrigt Uglem³, Ove Tommy Skilbrei², Pål Arne Bjørn⁵

¹Norwegian Institute for Nature Research, the Fram Centre, 9296 Tromsø, Norway
²Institute of Marine Research, 58171 Bergen, Norway
³Norwegian Institute for Nature Research, 7485 Trondheim, Norway
⁴Department of Marine Science and Applied Biology, University of Alicante, 03080 Alicante, Spain

*Corresponding author: karl.gjelland@nina.no


Fig. S1. Examples of swimming depth patterns of sea trout, covering a month from the 3 fate categories ‘alive in the sea’, ‘predation’, or ‘tag loss’ (tag expulsion). Individuals were assigned to these categories based on the depth signature of the transmitters. The moon phases can be seen in the tidal signatures (3 false detections are also evident in these, 1 in the middle figure panel and 2 in the right panel).