

The following supplement accompanies the article

Wild Atlantic cod sperm motility is negatively affected by ovarian fluid of farmed females

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Supplement. Additional data

Table S1. Parameters used to set the ImageJ CASA plugin. For an explanation of the abbreviations see 'Materials and methods' in the main article

Plugin parameter	Value used
Minimum sperm size (pixels)	2.0
Maximum sperm size (pixels)	10.0
Minimum track length (frames)	50.0
Maximum sperm velocity between frames (pixels)	10.0
Minimum VSL for motile ($\mu\text{m s}^{-1}$)	4.0
Minimum VAP for motile ($\mu\text{m s}^{-1}$)	20.0
Minimum VCL for motile ($\mu\text{m s}^{-1}$)	25.0
Low VAP speed ($\mu\text{m s}^{-1}$)	2.0
Maximum percentage of path with zero VAP	1.0
Maximum percentage of path with low VAP	25.0
Low VAP speed 2 ($\mu\text{m s}^{-1}$)	10.0
Low VCL speed ($\mu\text{m s}^{-1}$)	15.0
High WOB (percent VAP/VCL)	80.0
High LIN (percent VSL/VAP)	80.0
High WOB 2 (percent VAP/VCL)	50.0
High LIN 2 (percent VSL/VAP)	60.0
Frame Rate (frames per second)	100.0
Microns per 1000 pixels	956.0

Table S2. Percentage of the variance accounted for by the factors and the factor loadings of the principal component

	PC
% of variance explained	75.69
VCL	-0.438
VSL	-0.627
VAP	-0.644
WOB	-0.003
LIN	-0.001