***eLife’s* transparent reporting form**

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* You should state whether an appropriate sample size was computed when the study was being designed
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We did not perform any biological experiments. The number of samples, SNPs, simulation runs, etc. for all analyses can be found in the “Methods” section and under figure legends.

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All code used for statistical analyses is provided in the associated Github repository (<https://github.com/agoldberglab/CV_DuffySelection>). This link is provided in the main text section titled “Code & Data Availability.” Information for analyses can also be found in the “Methods” section and associated figure legends.

(For large datasets, or papers with a very large number of statistical tests, you may upload a single table file with tests, Ns, etc., with reference to sections in the manuscript.)

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* Indicate how samples were allocated into experimental groups (in the case of clinical studies, please specify allocation to treatment method); if randomization was used, please also state if restricted randomization was applied
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Code and datasets used to generate all figures are freely available in the associated Github repository (<https://github.com/agoldberglab/CV_DuffySelection>).