

Additional Figure M11. Evolutionary model analysis, using mutant cellular frequency as computed by Verhaak, et al.⁴¹ ≥0.98 as clonality cutoff. All panels and legend as in Additional Figure M1.

- Bedford, T., Wapinski, I. & Hartl, D. L. Overdispersion of the molecular clock varies between yeast, Drosophila and mammals. *Genetics* **179**, 977-984 (2008).
- Bedford, T. & Hartl, D. L. Overdispersion of the molecular clock: temporal variation of gene-specific substitution rates in Drosophila. *Mol. Biol. Evol.* **25**, 1631-1638 (2008).
- Gelman, A., Lee, D. & Guo, J. Q. Stan: A Probabilistic Programming Language for Bayesian Inference and Optimization. *J Educ Behav Stat* **40**, 530-543 (2015).