Supplementary Materials, Repertoire-Scale Measures of Antigen Binding

Authors: Rohit Arora, PhD^{1†} and Ramy Arnaout, MD, DPhil^{1,2*}

Affiliations:

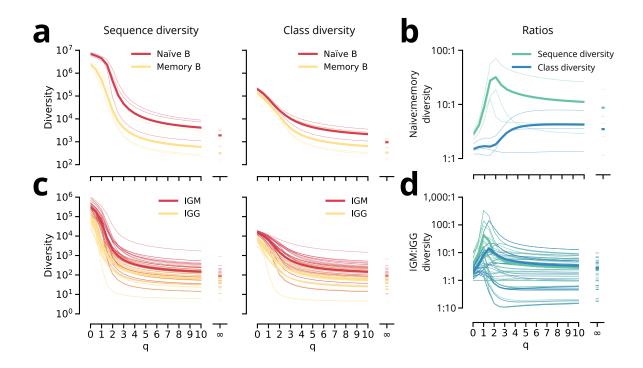
⁵ ¹Division of Clinical Pathology, Department of Pathology, Beth Israel Deaconess Medical Center, Boston, MA 02215.

²Division of Clinical Informatics, Department of Medicine, Beth Israel Deaconess Medical Center, Boston, MA 02215.

[†]Present address: Iktos Inc. 50 Milk Street, Floor 16, Boston, MA, 02109

10

*Correspondence to: rarnaout@bidmc.harvard.edu



Supplementary Figure Legend

Figure S1. Sequence vs. class diversity of naive vs. memory and IGM vs. IGG repertoires.

15 (a) Sequence vs. class diversity for exceptionally deeply sequenced naive vs. memory repertoires from DNA, and (b) the ratio of naive:memory diversity, as a function of *q* (see description of Equation 1 in the main text). Each thin line corresponds to a repertoire from a single individual. Each thick line is the average. (c)-(d) Analogous for IGM and IGG.