**Supplementary Figure 5.** Quantitative family-wide analysis of Rab-effector specificity
**a,** Concentration dependence of the equilibrium SPR signal ($R_{eq}$) for the binding of 6xHis Rbsn$_{137-784}$ to GST fusions of Rab4 and Rab14 (left) or Rab5, Rab22, and Rab24 (right). **b,** Correlation of interaction specificity with sequence similarity. $<S_{Rab4}>$ and $<S_{Rab5}>$ represent average log odds substitution scores from the Blosum 62 matrix for comparisons with Rab4 and Rab5, respectively.