|  |  |  |
| --- | --- | --- |
|  | **Mouse networks**  (1,000 most abundant CDR3β AA sequences) | **Human networks**  (1,000 most abundant CDR3β AA sequences) |
| **No. of connected nodes**  **(Random network)** | 647±104  (225±64) | 208±80  (8±4) |
| **No. of edges**  **(Random network)** | 1282±383  (152±52) | 367±201  (4±2) |
| **Correlation: Node degree vs. sequence abundance** | 0.1166 (Spearman) | 0.0008 (Spearman) |
| **Correlation: Node degree vs. sequence sharing** | 0.69 (Spearman) | 0.56 (Spearman) |
| **Correlation: Node betweenes vs. sequence sharing** | 0.58 (Spearman) | 0.43 (Spearman) |

**Table S1.** Statistics of TCR networks for mouse and human repertoires. Mouse data: 12 mice from ([Madi et al. 2014](#_ENREF_12)). Human data: 11 young subjects from ([Britanova et al. 2014](#_ENREF_4)).