

## Supplementary Figure 1

Superimposition of the coordinates of the variable domains of K1-70 Fab unbound (light chain in light orange and heavy chain in dark orange) and bound to TSHR260 from the K1-70—TSHR260 complex (light chain in light green and heavy chain in dark green). Some C $\alpha$  atom deviations are marked in black. All deviations greater than 1.00 Å are marked in red and the highest deviation in light red. N- and C-termini are marked.

