



**Figure S1.** Overall RE expression change per patient. For LUAD (upper panel) and SCLC (lower panel), the  $\log FC_{pP}$  (ordinate) of all REs in each patient (abscissa) are represented.  $\log FC = 0$  is marked with a green line to show that the overall level of RE expression can be considered unchanged in each patient after an oncogenic process.