



**Supplementary information, Figure S7** Base preference of RVDs in TALE-(XX')<sub>6</sub>. The results of the fold induction of TALE-(XX')<sub>6</sub> (corresponding to the four reporters) are shown on the y-axis, and the RVDs are clustered by base/reporter preference and ranked by fold induction of EGFP of the corresponding reporter. The x-axis labels indicate the variable RVDs tested in TALE-(XX')<sub>6</sub>. Data are means ± s.d., n = 3.