

Table S2. The results of multifactor analysis of variance (ANOVA) for the residuals of the linear regression of the number of expressed C2H2-ZF(-KRAB) genes on the total number of expressed genes. The residuals are negative and positive values distributed around zero mean.

Factor	all C2H2-ZF genes			C2H2-ZF-KRAB genes		
	<i>F</i> -ratio	<i>P</i>	Residuals	<i>F</i> -ratio	<i>P</i>	Residuals
human versus mouse	41.41	10 <sup>-8</sup>	18.35 (±15.61) -13.45 (±18.23)	72.58	10 <sup>-16</sup>	10.21 (±10.03) -16.85 (±11.71)
embryo versus non-embryo	11.03	0.001	12.20 (±20.24) -7.31 (±14.15)	5.15	0.02	0.96 (±13.01) -7.60 (±9.09)
brain versus non-brain	6.67	0.010	9.60 (±20.04) -4.71 (±13.98)	7.69	0.005	1.62 (±12.88) -8.26 (±8.98)
cancer versus non-cancer	10.24	0.001	-6.71 (±20.45) 11.60 (±13.59)	16.99	10 <sup>-4</sup>	-10.89 (±13.16) 4.25 (±8.73)
mixed versus non-mixed	0.00	0.95	2.15 (±25.35) 2.74 (±10.48)	0.93	0.34	-6.03 (±16.29) -0.61 (±6.73)

*F*-ratios, significance levels, and the least squares mean residual values, with 95% confidence intervals.