

Table S6. The S value calculated by normalization method 1 and 2 in the large-scale experiment.

Method	Description ^a	S value ^b	
		Mean	S.D. ^c
1	Equal summation of peptide iTRAQ signals	0.00574	0.34727
2	Median of \log_2 (peptide iTRAQ ratio) to zero	-0.03737	0.42563

^a Detail calculation are described in Method S1.

^b S value is in \log_2 scale:

$$S = \frac{1}{2} \log_2 \left(\frac{T_1 \cdot C_2}{T_2 \cdot C_1} \right) = \frac{1}{2} \left[\log_2 \left(\frac{T_1}{C_1} \right) - \log_2 \left(\frac{T_2}{C_2} \right) \right]$$

where T_1/C_1 is the protein abundance ratio of citreoviridin-treated tumor sample T_1 to control sample C_1 , while T_2/C_2 is the protein abundance ratio of citreoviridin-treated tumor sample T_2 to control sample C_2 .

^c S.D.: standard deviation.