

Extended Data Table 5|Polynomial Fitting Parameters of ECP Transformation in Step2

	a_1	a_2	a_3	a_4	a_5	b	<i>R</i>-square
$j = 1$	53.27	-5.145	-2.260	0.3161	0.09691	84.11	0.9996
$j = 2$	56.20	2.582	-1.356	-0.1310	0.04127	63.95	0.9998
$j = 3$	57.14	2.110	-1.557	-0.1214	0.05590	61.68	0.9999

The expression of Extended Data Fig.2 is

$$x_j = \sum_{p=1}^5 a_p \left(\Phi_{\sigma_{y-j}}(y_j) \right)^p + b$$

The power of the polynomial is 5, a_p is the coefficient of different power terms, and b is a constant. The coefficients data and *R*-square of each fitting curve is shown in Extended Data Table 5.