

**Table S1** Total Variance Explained in LPS group

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	accumulate %	total	% of Variance	accumulate %
1	15.536	86.314	86.314	15.536	86.314	86.314
2	2.464	13.686	100.000	2.464	13.686	100.000
3	1.967E-15	1.093E-14	100.000	1.967E-15	100.000	100.000
4	8.750E-16	4.861E-15	100.000			
5	7.164E-16	3.980E-15	100.000			
6	5.184E-16	2.880E-15	100.000			

Extraction Method: Principal Component Analysis (PCA).

**Table S2** Total Variance Explained in 0.5 Se + LPS group

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	accumulate %	total	% of Variance	accumulate %
1	11.986	66.587	66.587	11.986	66.587	66.587
2	6.014	33.413	100.000	6.014	33.413	100.000
3	2.091E-15	1.161E-14	100.000	2.091E-15	100.000	100.000
4	8.807E-16	4.893E-15	100.000			
5	4.555E-16	2.530E-15	100.000			
6	3.109E-16	1.727E-15	100.000			

Extraction Method: Principal Component Analysis (PCA).