

Table S1. Assignment of lipids to clusters

Cluster 1	OLC3, OLC4, OLC15, OLC16, OLC19, OLC11 [*] , OLC17 [*] , OLC18 [*]
Cluster 2	OLC5, OLC8, OLC9, OLC5 [*] , OLC8 [*] , OLC9 [*]
Cluster 3	OLC6, OLC10, OLC6 [*] , OLC10 [*]
Cluster 4	OLC11, OLC12, OLC17, OLC18, OLC3 [*] , OLC4 [*] , OLC15 [*] , OLC16 [*] , OLC19 [*]
Cluster 5	OLC1, OLC2, OLC7, OLC20
Cluster 6	OLC13, OLC14

* symmetry mates