

Table S1. Percentage fatty acid composition of total lipid extracts

Fatty acid	Raft				RDPM			
	20°C acclimated		5°C acclimated		20°C acclimated		5°C acclimated	
	Mean	S.E.M.	Mean	S.E.M.	Mean	S.E.M.	Mean	S.E.M.
16:0	23.9	0.4	17.7	1.1	23.8	0.7	20.1	0.8
18:0	10.3	0.8	9.6	0.2	10.1	0.8	10.1	0.4
20:0			0.1	0.1	0.1	0.1	0.1	0.0
22:0	0.4	0.2	1.2	0.1	1.3	0.0	1.1	0.0
24:0				0.1	0.1			
16:1	0.7	0.7	2.6	0.3	1.5	0.5	1.8	0.2
18:1c	14.5	0.6	15.3	0.6	13.1	0.5	13.9	0.8
18:1t	5.0	1.0	3.3	0.5	1.9	0.4	3.3	0.4
20:1	1.0	0.6	1.5	0.2	1.5	0.2	1.0	0.1
22:1			0.1	0.1	0.1	0.1	0.1	0.1
24:1	0.2	0.2	0.6	0.3	0.5	0.5		
18:2	5.9	0.6	8.3	0.2	6.7	0.1	8.0	0.4
18:3			0.2	0.1			0.1	0.1
20:2	1.3	0.8	1.6	0.1	1.5	0.1	1.6	0.1
20:4	2.5	0.8	4.5	0.1	5.0	0.1	5.2	0.3
20:5	5.2	0.6	5.9	0.1	6.4	0.5	6.2	0.1
22:6	29.2	1.2	27.7	0.7	26.8	1.1	27.5	0.5

Raft, raft-enriched plasma membrane; RDPM, raft-depleted plasma membrane.

Table S2. Percentage fatty acid composition of phosphatidylcholine

Fatty acid	Raft				RDPM			
	20°C acclimated		5°C acclimated		20°C acclimated		5°C acclimated	
	Mean	S.E.M.	Mean	S.E.M.	Mean	S.E.M.	Mean	S.E.M.
16:0	30.5	1.1	29.1	0.6	33.8	1.3	34.5	2.3
18:0	5.7	0.0	6.2	0.1	6.5	0.3	6.1	0.2
20:0	0.7	0.3						
22:0	1.0	0.1	0.9	0.3	1.0	0.1	0.8	0.0
24:0					0.1	0.1		
16:1	2.3	0.1	2.0	0.1	1.0	0.6	1.0	0.3
18:1c	14.4	0.4	11.4	0.3	14.0	0.2	9.9	0.3
18:1t	1.7	0.1	1.8	0.1	3.7	1.0	3.0	0.5
20:1	1.5	0.5	0.9	0.1	0.8	0.3	0.3	0.2
22:1	0.7	0.7			0.7	0.4	1.2	0.4
24:1			0.5	0.3				
18:2	6.0	0.3	5.5	0.2	5.8	0.3	4.6	0.3
18:3	0.1	0.1	0.1	0.1			0.1	0.1
20:2	1.5	0.1	1.2	0.1	1.2	0.4	0.6	0.2
20:4	3.0	0.3	2.4	0.1	1.0	0.6	0.6	0.6
20:5	7.4	0.9	7.9	0.2	6.7	0.3	7.7	0.3
22:6	23.7	1.0	30.4	0.5	24.0	0.7	29.7	1.5

Raft, raft-enriched plasma membrane; RDPM, raft-depleted plasma membrane.

Table S3. Percentage fatty acid composition of phosphatidylethanolamine

Fatty acid	Raft				RDPM			
	20°C acclimated		5°C acclimated		20°C acclimated		5°C acclimated	
	Mean	S.E.M.	Mean	S.E.M.	Mean	S.E.M.	Mean	S.E.M.
16:0	19.2	2.0	10.3	0.7	18.7	0.4	10.6	1.0
18:0	12.5	1.6	8.9	0.2	12.8	1.6	9.9	0.6
20:0	0.1	0.1						
22:0	0.4	0.2	1.1	0.1	0.8	0.1	0.6	0.2
24:0								
16:1	0.7	0.3	0.8	0.3	0.9	0.3	0.8	0.6
18:1c	13.7	1.3	16.4	0.3	14.7	0.6	16.6	0.3
18:1t	4.3	1.2	5.8	1.0	5.0	0.9	9.2	1.1
20:1	2.8	0.9	2.1	0.2	2.2	0.5	1.5	0.1
22:1	2.5	1.4			0.6	0.6		
24:1								
18:2	7.5	0.9	11.4	0.3	8.1	0.3	10.5	0.5
18:3			0.1	0.1				
20:2	0.7	0.4	2.3	0.1	1.5	0.1	2.1	0.1
20:4	8.7	5.2	5.3	1.3	4.7	0.7	3.4	0.2
20:5	3.8	0.6	4.8	0.1	3.9	0.3	4.7	0.3
22:6	23.4	2.2	30.8	1.4	26.2	2.1	30.2	1.7

Raft, raft-enriched plasma membrane; RDPM, raft-depleted plasma membrane.