

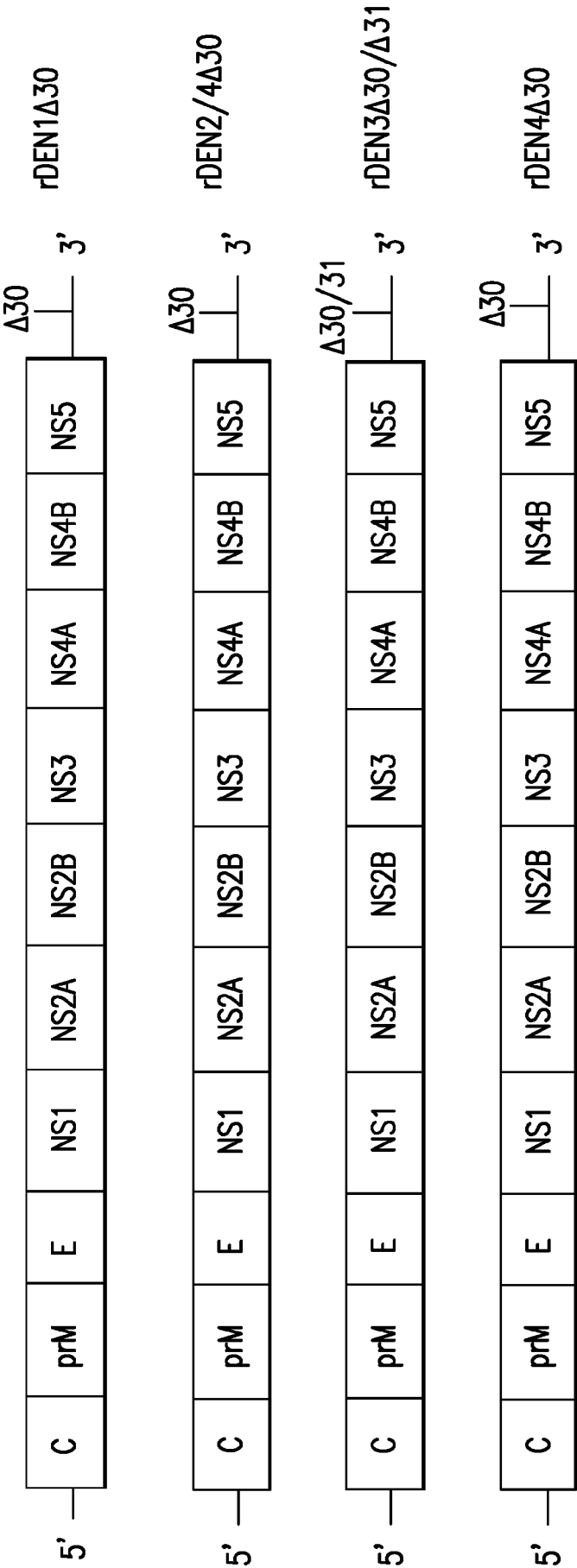


FIG.1

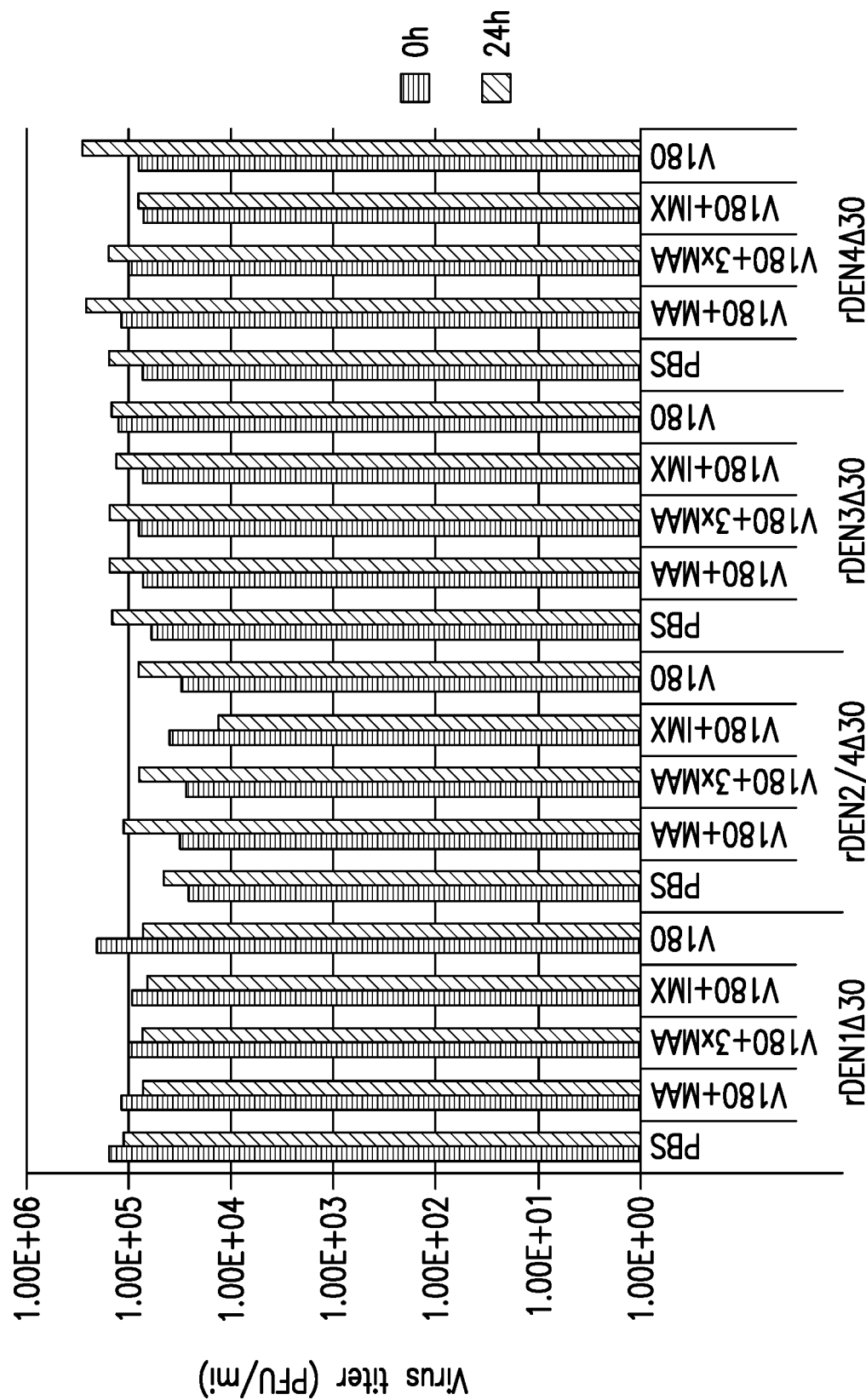


FIG.2

MAA: Merck Aluminum Adjuvant
3X MAA: 3 times the dose of MAA
IMX: ISCOMATRIX™ Adjuvant
PBS: Phosphate buffered saline

Group	Monkeys Per Group	Formulation/Schedule		Anti-DENV-1 LiCor ₅₀ Titers (GMT)	Anti-DENV-2 LiCor ₅₀ Titers (GMT)	Anti-DENV-3 LiCor ₅₀ Titers (GMT)	Anti-DENV-4 LiCor ₅₀ Titers (GMT)
		Week 0	Week 16				
1	4	Δ30 LATV (10e5 pfu each) Administered SC (0.5 ml)	Δ30 LATV (10e5 pfu each) Administered SC (0.5 ml)	113	190	57	34
2	4	Δ30 LATV (10e5 pfu each) Administered SC (0.5 ml)	Tetavalent DEN-80E (10, 10, 10, 20 μg each 80E) /Alhydrogel® (225 μg) Administered IM (0.5ml)	135	226	135	17
3	4	Δ30 LATV (10e5 pfu each) /Tetavalent DEN-80E (10, 10, 10, 20 μg each 80E) /Alhydrogel® (225 μg) Administered IM (0.5ml)	Δ30 LATV (10e5 pfu each) /Tetavalent DEN-80E (10, 10, 10, 20 μg each 80E) /Alhydrogel® (225 μg) Administered IM (0.5ml)	57	320	80	95
LiCor ₅₀ result of <10 considered 5 for purposes of calculating GMT.							

FIG.3

Group	Monkeys Per Group	Formulation/Schedule		Anti-DENV-1 LiCor 50 Titers (GMT)	Anti-DENV-2 LiCor 50 Titers (GMT)	Anti-DENV-3 LiCor 50 Titers (GMT)	Anti-DENV-4 LiCor 50 Titers (GMT)
		Week 0	Week 24				
1	4	Δ 30 LATV (10e5 pfu each) Administered SC (0.5 ml)	Δ 30 LATV (10e5 pfu each) Administered SC (0.5 ml)	135	113	160	135
2	4	Δ 30 LATV (10e5 pfu each) Administered SC (0.5 ml)	Tetavalent DEN-80E (10, 10, 10, 20 μg each 80E) /Alhydrogel (225 μg) Administered IM (0.5 ml)	320	381	453	226
3	4	Δ 30 LATV (10e5 pfu each) /Tetavalent DEN-80E (10, 10, 10, 20 μg each 80E) /Alhydrogel (225 μg) Administered IM (0.5 ml)	Δ 30 LATV (10e5 pfu each) /Tetavalent DEN-80E (10, 10, 10, 20 μg each 80E) /Alhydrogel (225 μg) Administered IM (0.5 ml)	640	761	1076	640
LiCor 50 result of <10 considered 5 for purposes of calculating GMT							

FIG.4

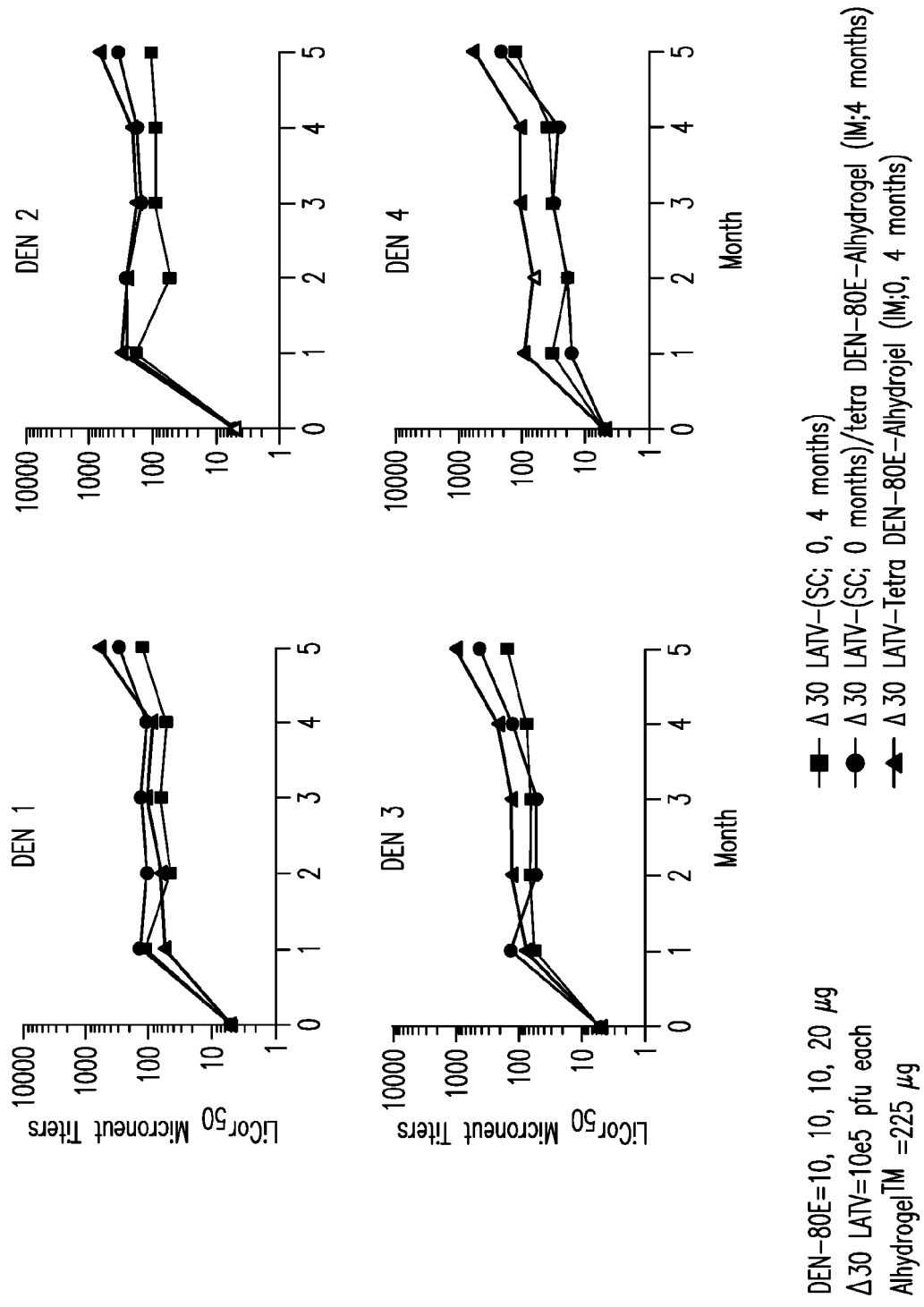


FIG.5

Dengue Serotype Neutralizing Antibody Titers (LiCor₅₀ GMT) Induced in Rhesus Macaques at Week 4 (4 weeks post dose 1)

Group	Monkeys Per Group	Formulation/Schedule		Anti-DENV-1 LiCor ₅₀ Titers (GMT)	Anti-DENV-2 LiCor ₅₀ Titers (GMT)	Anti-DENV-3 LiCor ₅₀ Titers (GMT)	Anti-DENV-4 LiCor ₅₀ Titers (GMT)
		Week 0	Week 24				
1	5	Tetavalent LAV (10e5 pfu each) Administered SC (0.5 ml)	Tetavalent LAV (10e5 pfu each) Administered SC (0.5 ml)	92	160	80	279
2	5	Tetavalent LAV (10e5 pfu each) / Tetavalent DEN-80E (10, 10, 10, 20 μ g each 80E) / Alhydrogel (225 μ g) Administered IM (0.5 ml)	Tetavalent LAV (10e5 pfu each) / Tetavalent DEN-80E (10, 10, 10, 20 μ g each 80E) / Alhydrogel (225 μ g) Administered IM (0.5 ml)	121	243	106	320
3	5	Tetavalent LAV (10e5 pfu each) / Tetavalent DEN-80E (3, 3, 3, 6 μ g each 80E) / Alhydrogel (225 μ g) Administered IM (0.5 ml)	Tetavalent LAV (10e5 pfu each) / Tetavalent DEN-80E (3, 3, 3, 6 μ g each 80E) / Alhydrogel (225 μ g) Administered IM (0.5 ml)	279	557	211	422
4	5	Tetavalent LAV (10e3 pfu each) / Tetavalent DEN-80E (10, 10, 10, 20 μ g each 80E) / Alhydrogel (225 μ g) Administered IM (0.5 ml)	Tetavalent LAV (10e3 pfu each) / Tetavalent DEN-80E (10, 10, 10, 20 μ g each 80E) / Alhydrogel (225 μ g) Administered IM (0.5 ml)	53	229	121	243
LiCor ₅₀ result of <10 considered 5 for purposes of calculating GMT.							

FIG.6

Dengue Serotype Neutralizing Antibody Titers (LiCor ₅₀ GMT) Induced in Rhesus Macaques at Week 28 (4 weeks post dose 2)						
Group	Monkeys Per Group	Formulation/Schedule		Anti-DENV-1 LiCor ₅₀ Titers (GMT)	Anti-DENV-2 LiCor ₅₀ Titers (GMT)	Anti-DENV-3 LiCor ₅₀ Titers (GMT)
		Week 0	Week 24			
1	5	Tetravalent LAV (10e5 pfu each) Administered SC (0.5 ml)	Tetravalent LAV (10e5 pfu each) Administered SC (0.5 ml)	68	1280	485
2	5	Tetravalent LAV (10e5 pfu each) / Tetravalent DEN-80E (10, 10, 10, 20 μ g each 80E) / Alhydrogel (225 μ g) Administered IM (0.5 ml)	Tetravalent LAV (10e5 pfu each) / Tetravalent DEN-80E (10, 10, 10, 20 μ g each 80E) / Alhydrogel (225 μ g) Administered IM (0.5 ml)	3378	5881	3378
3	5	Tetravalent LAV (10e5 pfu each) / Tetravalent DEN-80E (3, 3, 3, 6 μ g each 80E) / Alhydrogel (225 μ g) Administered IM (0.5 ml)	Tetravalent LAV (10e5 pfu each) / Tetravalent DEN-80E (3, 3, 3, 6 μ g each 80E) / Alhydrogel (225 μ g) Administered IM (0.5 ml)	1689	3378	8914
4	5	Tetravalent LAV (10e3 pfu each) / Tetravalent DEN-80E (10, 10, 10, 20 μ g each 80E) / Alhydrogel (225 μ g) Administered IM (0.5 ml)	Tetravalent LAV (10e3 pfu each) / Tetravalent DEN-80E (10, 10, 10, 20 μ g each 80E) / Alhydrogel (225 μ g) Administered IM (0.5 ml)	1470	3378	1689
LiCor ₅₀ result of <10 considered 5 for purposes of calculating GMT.						

FIG.7

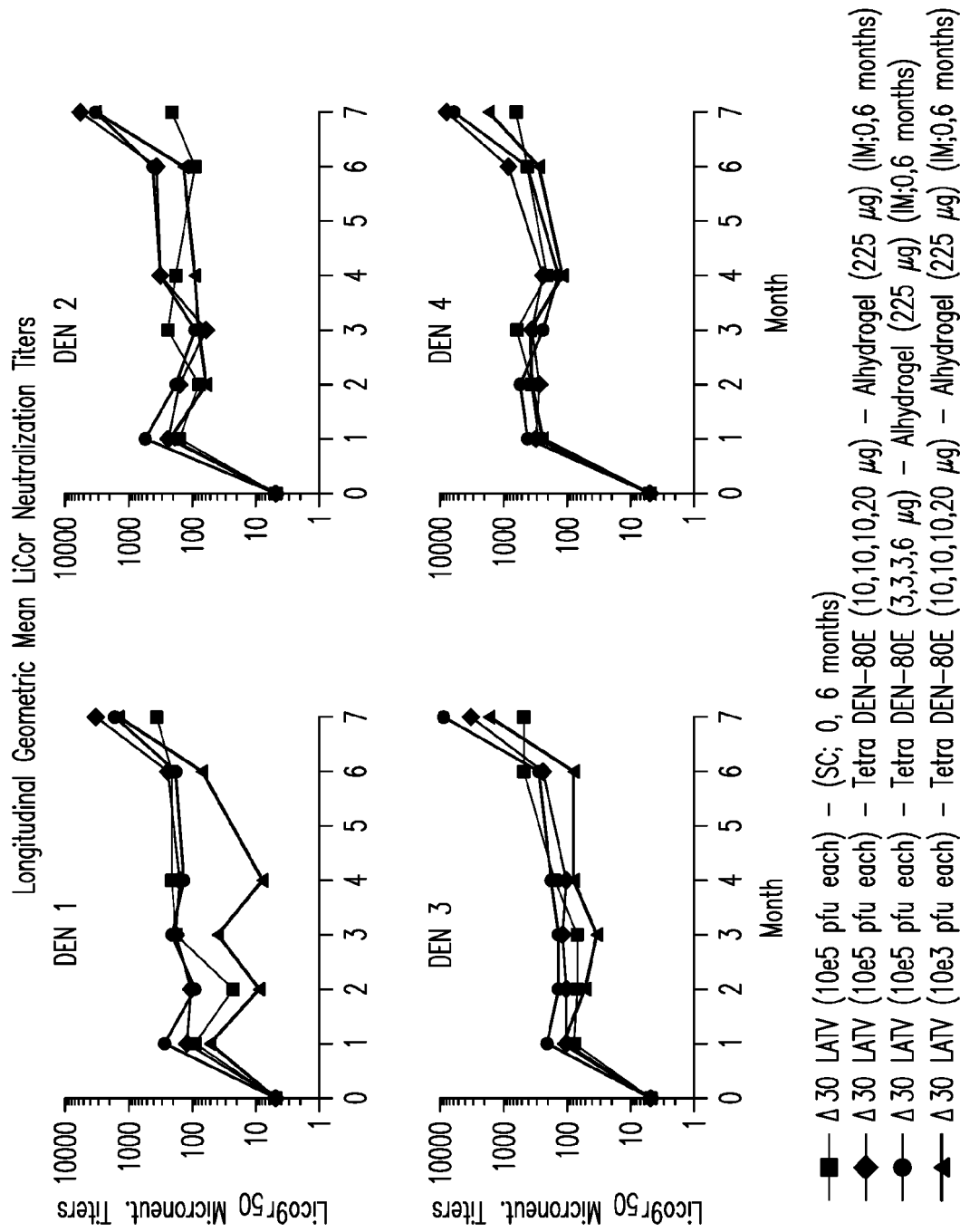


FIG.8