**Supplemental Table S1. Parameters for the two-step selection model**

| Kb   | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49C | 4<sup>th</sup> strength | 4<sup>th</sup> prob | 4<sup>th</sup> expr |
|------|------|------|------|-------|--------|-------|------------------------|----------------|----------------|
| 1.34751 | 3    | 7    | 2    | 2     | 3      | 4     | 0.45                   | 0.6174759      |

| Kb   | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49C | 4<sup>th</sup> strength | 4<sup>th</sup> prob | 4<sup>th</sup> expr |
|------|------|------|------|-------|--------|-------|------------------------|----------------|----------------|
|       | insuff | insuff | suff | suff |

| Db   | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49C | 4<sup>th</sup> strength | 4<sup>th</sup> prob | 4<sup>th</sup> expr |
|------|------|------|------|-------|--------|-------|------------------------|----------------|----------------|
| 2.48947 | 2    | 4    | 0    | 1     | 1      | 2     | 0.75                   | 0.9478658      |
| 2.48947 | 2    | 5    | 0    | 1     | 1      | 3     | 0.75                   | 0.9478658      |
| 2.48947 | 2    | 6    | 0    | 1     | 1      | 4     | 0.75                   | 0.9478658      |
| 2.48947 | 3    | 6    | 0    | 1     | 2      | 3     | 0.75                   | 0.9478658      |
| 2.48947 | 3    | 7    | 0    | 1     | 2      | 4     | 0.75                   | 0.9478658      |
| 2.48947 | 4    | 8    | 0    | 1     | 3      | 4     | 0.75                   | 0.9478658      |
| 2.48947 | 3    | 6    | 0    | 2     | 1      | 3     | 0.75                   | 0.9478658      |
| 2.48947 | 3    | 7    | 0    | 2     | 1      | 4     | 0.75                   | 0.9478658      |
| 2.48947 | 3    | 7    | 0    | 2     | 2      | 3     | 0.75                   | 0.9478658      |
| 2.48947 | 3    | 8    | 0    | 2     | 2      | 4     | 0.75                   | 0.9478658      |
| 2.48947 | 4    | 8    | 0    | 2     | 2      | 4     | 0.75                   | 0.9478658      |
| 2.48947 | 4    | 9    | 0    | 2     | 3      | 4     | 0.75                   | 0.9478658      |
| 2.48947 | 4    | 8    | 0    | 3     | 1      | 4     | 0.75                   | 0.9478658      |
| 2.48947 | 4    | 9    | 0    | 3     | 2      | 4     | 0.75                   | 0.9478658      |
| 2.48947 | 4    | 10   | 0    | 3     | 3      | 4     | 0.75                   | 0.9478658      |
| 2.48947 | 4    | 9    | 1    | 2     | 2      | 4     | 0.75                   | 0.9478658      |

| Db   | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49C | 4<sup>th</sup> strength | 4<sup>th</sup> prob | 4<sup>th</sup> expr |
|------|------|------|------|-------|--------|-------|------------------------|----------------|----------------|
|       | no/insuff | insuff | insuff | suff |

| Dd   | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49C | 4<sup>th</sup> strength | 4<sup>th</sup> prob | 4<sup>th</sup> expr |
|------|------|------|------|-------|--------|-------|------------------------|----------------|----------------|
| 2.32443 | 2    | 6    | 1    | 3     | 2      | 4     | 0.55                   | 0.4308975      |

| Dd   | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49C | 4<sup>th</sup> strength | 4<sup>th</sup> prob | 4<sup>th</sup> expr |
|------|------|------|------|-------|--------|-------|------------------------|----------------|----------------|
|       | insuff | suff | suff | suff |

| Ld   | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49C | 4<sup>th</sup> strength | 4<sup>th</sup> prob | 4<sup>th</sup> expr |
|------|------|------|------|-------|--------|-------|------------------------|----------------|----------------|
| 2.80068 | 1    | 3    | 2    | 0     | 1      | 2     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 4    | 2    | 0     | 1      | 3     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 5    | 2    | 0     | 1      | 4     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 4    | 3    | 0     | 1      | 2     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 4    | 3    | 0     | 1      | 3     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 5    | 3    | 0     | 1      | 3     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 5    | 3    | 0     | 1      | 4     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 6    | 3    | 0     | 1      | 4     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 5    | 3    | 0     | 2      | 3     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 5    | 3    | 0     | 2      | 3     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 6    | 3    | 0     | 2      | 4     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 6    | 3    | 0     | 2      | 4     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 5    | 4    | 0     | 1      | 2     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 5    | 4    | 0     | 1      | 3     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 6    | 4    | 0     | 1      | 4     | 0.65                   | 0.776491      |
| 2.80068 | 1    | 6    | 4    | 0     | 1      | 4     | 0.65                   | 0.776491      |
## Supplemental Table S1. Parameters for the two-step selection model

| Ld    | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49C | 4th strength | 4th prob | 4th expr |
|-------|------|------|------|-------|--------|-------|--------------|----------|----------|
| 2,80068 | 1    | 7    | 4    | 0     | 2      | 4     | 0,65         | 0,776491 |
| 2,80068 | 1    | 6    | 4    | 0     | 2      | 3     | 0,65         | 0,776491 |
| 2,80068 | 2    | 6    | 4    | 0     | 2      | 3     | 0,65         | 0,776491 |
| 2,80068 | 1    | 6    | 4    | 0     | 2      | 4     | 0,65         | 0,776491 |

**Ly49A,G2,C cont**

| Ld      | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49C | 4th strength | 4th prob | 4th expr |
|---------|------|------|------|-------|--------|-------|--------------|----------|----------|
| Ld      | suff | no/insuff | suff | suff |

| Kb     | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49I | 4th strength | 4th prob | 4th expr |
|--------|------|------|------|-------|--------|-------|--------------|----------|----------|
| 2,03425 | 4    | 8    | 2    | 2     | 1      | 3     | 4            | 0,6      | 0,7126142 |

**Ly49A,G2,I**

| Kb     | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49I | 4th strength | 4th prob | 4th expr |
|--------|------|------|------|-------|--------|-------|--------------|----------|----------|
| Kb     | insuff | insuff | insuff | suff |

| Db     | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49I | 4th strength | 4th prob | 4th expr |
|--------|------|------|------|-------|--------|-------|--------------|----------|----------|
| 2,82212 | 1    | 1    | 0    | 0     | 1      | 1     | 0,6          | 0,4576271 |
| 2,82212 | 1    | 2    | 0    | 0     | 1      | 2     | 0,6          | 0,4576271 |
| 2,82212 | 1    | 3    | 0    | 0     | 1      | 3     | 0,6          | 0,4576271 |
| 2,82212 | 1    | 4    | 0    | 0     | 1      | 4     | 0,6          | 0,4576271 |

**Db**

| Db     | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49I | 4th strength | 4th prob | 4th expr |
|--------|------|------|------|-------|--------|-------|--------------|----------|----------|
| Db     | insuff | insuff | insuff | suff |
Supplemental Table S1. Parameters for the two-step selection model

| Parameters for the two-step selection model |
|-----------------|----|----|-----|-----|-----|-----|-----|-----|-----|
| 2,82212         | 1  | 5  | 0   | 0   | 3   | 3   | 0,6 | 0,4576271 |
| 2,82212         | 2  | 3  | 0   | 0   | 3   | 3   | 0,6 | 0,4576271 |
| 2,82212         | 2  | 4  | 0   | 0   | 3   | 3   | 0,6 | 0,4576271 |
| 2,82212         | 2  | 5  | 0   | 0   | 3   | 3   | 0,6 | 0,4576271 |
| 2,82212         | 3  | 3  | 0   | 0   | 3   | 3   | 0,6 | 0,4576271 |
| 2,82212         | 3  | 4  | 0   | 0   | 3   | 3   | 0,6 | 0,4576271 |
| 2,82212         | 3  | 5  | 0   | 0   | 3   | 3   | 0,6 | 0,4576271 |
| 2,82212         | 1  | 4  | 0   | 0   | 3   | 4   | 0,6 | 0,4576271 |

Ly49A,G2,lcont

| Db  | RMS | Smin | Smax | Ly49A | Ly49G2 | Ly49I | 4th strength | 4th prob | 4th expr |
|-----|-----|------|------|-------|--------|-------|---------------|----------|---------|
| 2,82212 | 1   | 5    | 0    | 0     | 3      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 1   | 6    | 0    | 0     | 3      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 2   | 4    | 0    | 0     | 3      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 2   | 5    | 0    | 0     | 3      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 2   | 6    | 0    | 0     | 3      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 3   | 4    | 0    | 0     | 3      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 3   | 5    | 0    | 0     | 3      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 3   | 6    | 0    | 0     | 3      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 1   | 4    | 0    | 0     | 4      | 1     | 0,6           | 0,4576271 |
| 2,82212 | 1   | 4    | 0    | 0     | 4      | 2     | 0,6           | 0,4576271 |
| 2,82212 | 1   | 5    | 0    | 0     | 4      | 2     | 0,6           | 0,4576271 |
| 2,82212 | 2   | 4    | 0    | 0     | 4      | 2     | 0,6           | 0,4576271 |
| 2,82212 | 2   | 5    | 0    | 0     | 4      | 2     | 0,6           | 0,4576271 |
| 2,82212 | 1   | 4    | 0    | 0     | 4      | 3     | 0,6           | 0,4576271 |
| 2,82212 | 1   | 5    | 0    | 0     | 4      | 3     | 0,6           | 0,4576271 |
| 2,82212 | 1   | 6    | 0    | 0     | 4      | 3     | 0,6           | 0,4576271 |
| 2,82212 | 2   | 4    | 0    | 0     | 4      | 3     | 0,6           | 0,4576271 |
| 2,82212 | 2   | 5    | 0    | 0     | 4      | 3     | 0,6           | 0,4576271 |
| 2,82212 | 2   | 6    | 0    | 0     | 4      | 3     | 0,6           | 0,4576271 |
| 2,82212 | 3   | 4    | 0    | 0     | 4      | 3     | 0,6           | 0,4576271 |
| 2,82212 | 3   | 5    | 0    | 0     | 4      | 3     | 0,6           | 0,4576271 |
| 2,82212 | 3   | 6    | 0    | 0     | 4      | 3     | 0,6           | 0,4576271 |
| 2,82212 | 1   | 4    | 0    | 0     | 4      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 1   | 5    | 0    | 0     | 4      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 1   | 6    | 0    | 0     | 4      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 1   | 7    | 0    | 0     | 4      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 2   | 4    | 0    | 0     | 4      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 2   | 5    | 0    | 0     | 4      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 2   | 6    | 0    | 0     | 4      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 2   | 7    | 0    | 0     | 4      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 3   | 4    | 0    | 0     | 4      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 3   | 5    | 0    | 0     | 4      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 3   | 6    | 0    | 0     | 4      | 4     | 0,6           | 0,4576271 |
| 2,82212 | 3   | 7    | 0    | 0     | 4      | 4     | 0,6           | 0,4576271 |
Supplemental Table S1. Parameters for the two-step selection model

| Db  | RMS | Smin | Smax | Ly49A | Ly49G2 | Ly49I | 4<sup>th</sup> strength | 4<sup>th</sup> prob | 4<sup>th</sup> expr |
|-----|-----|------|------|-------|--------|-------|------------------------|-----------------|----------------|
| 2,82212 | 2   | 5    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 2   | 6    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 3   | 5    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 2   | 5    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 2   | 6    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 3   | 5    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 2   | 5    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 2   | 6    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 3   | 5    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 3   | 6    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 2   | 7    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 3   | 5    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 3   | 6    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 4   | 5    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 4   | 6    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 4   | 7    | 0    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 2   | 3    | 1    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 2   | 4    | 1    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 2   | 5    | 1    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 2   | 4    | 1    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |
| 2,82212 | 2   | 5    | 1    | 4     | 4      | 4     | 0,6                    | 0,4576271       |                |

Ly49A, G2, I cont
Supplemental Table S1. Parameters for the two-step selection model

| Db    | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49I | 4th strength | 4th prob | 4th expr |
|-------|------|------|------|-------|--------|-------|--------------|----------|----------|
| 2,82212 | 3    | 4    | 1    | 0     | 3      | 3     | 0,6          | 0,4576271 |
| 2,82212 | 3    | 5    | 1    | 0     | 3      | 3     | 0,6          | 0,4576271 |
| 2,82212 | 2    | 5    | 1    | 0     | 3      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 2    | 6    | 1    | 0     | 3      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 3    | 5    | 1    | 0     | 3      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 3    | 6    | 1    | 0     | 3      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 2    | 5    | 1    | 0     | 4      | 2     | 0,6          | 0,4576271 |
| 2,82212 | 2    | 5    | 1    | 0     | 4      | 3     | 0,6          | 0,4576271 |
| 2,82212 | 2    | 6    | 1    | 0     | 4      | 3     | 0,6          | 0,4576271 |
| 2,82212 | 2    | 6    | 1    | 0     | 4      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 2    | 7    | 1    | 0     | 4      | 4     | 0,6          | 0,4576271 |

Ly49A,G2,I cont

| Db    | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49I | 4th strength | 4th prob | 4th expr |
|-------|------|------|------|-------|--------|-------|--------------|----------|----------|
| 2,82212 | 3    | 6    | 1    | 0     | 4      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 3    | 6    | 1    | 0     | 4      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 4    | 6    | 1    | 0     | 4      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 4    | 6    | 1    | 0     | 4      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 3    | 5    | 1    | 1     | 3      | 3     | 0,6          | 0,4576271 |
| 2,82212 | 3    | 6    | 1    | 1     | 4      | 3     | 0,6          | 0,4576271 |
| 2,82212 | 3    | 6    | 1    | 1     | 4      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 3    | 7    | 1    | 1     | 4      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 4    | 6    | 1    | 1     | 4      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 4    | 7    | 1    | 1     | 4      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 4    | 7    | 1    | 2     | 4      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 3    | 5    | 2    | 0     | 3      | 3     | 0,6          | 0,4576271 |
| 2,82212 | 3    | 6    | 2    | 0     | 3      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 3    | 6    | 2    | 0     | 3      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 2    | 7    | 2    | 0     | 4      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 4    | 6    | 2    | 0     | 4      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 4    | 7    | 2    | 1     | 4      | 4     | 0,6          | 0,4576271 |
| 2,82212 | 4    | 7    | 3    | 0     | 4      | 4     | 0,6          | 0,4576271 |

| Db    | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49I | 4th strength | 4th prob | 4th expr |
|-------|------|------|------|-------|--------|-------|--------------|----------|----------|
| 2,61419 | 3    | 6    | 3    | 2      | 2      | 2     | 0,6          | 0,671233  |
| 2,61419 | 4    | 8    | 4    | 2      | 3      | 4     | 0,6          | 0,671233  |
| 2,61419 | 4    | 8    | 4    | 3      | 2      | 4     | 0,6          | 0,671233  |
| 2,61419 | 4    | 8    | 4    | 3      | 3      | 4     | 0,6          | 0,671233  |
Supplemental Table S1. Parameters for the two-step selection model

| Dd  | RMS  | Smin | Smax | Ly49A | Ly49G2 | Ly49I | 4th strength | 4th prob | 4th expr |
|-----|------|------|------|-------|--------|-------|---------------|----------|----------|
| 2,61419 | 4    | 9    | 4    | 3     | 3      | 4     | 0,6           | 0,671233 |          |

| Ld  | suff | insuff | insuff | suff |
|-----|------|---------|---------|------|
| 2,32593 | 2    | 6       | 3       | 2    |
| 2,32593 | 2    | 7       | 3       | 2    |
| 2,32593 | 2    | 8       | 4       | 2    |
| 2,32593 | 2    | 8       | 4       | 3    |
| 2,32593 | 3    | 8       | 4       | 3    |
| 2,32593 | 3    | 9       | 4       | 3    |
Supplemental Table S1. Parameters for the two-step selection model

| Kb       | RMS  | Smin | Smax | Ly49A | Ly49I | Ly49C | 4\textsuperscript{th} strength | 4\textsuperscript{th} prob | 4\textsuperscript{th} expr |
|----------|------|------|------|-------|-------|-------|-------------------------------|-----------------|------------------|
| 2,56045  | 1    | 5    | 1    | 3     | 1     | 3     | 0.6                           | 0.4042277       |
| 2,56045  | 1    | 6    | 1    | 4     | 1     | 3     | 0.6                           | 0.4042277       |
| 2,56045  | 1    | 6    | 1    | 4     | 1     | 4     | 0.6                           | 0.4042277       |
| 2,56045  | 1    | 7    | 1    | 4     | 2     | 4     | 0.6                           | 0.4042277       |
| 2,56045  | 1    | 7    | 2    | 4     | 1     | 4     | 0.6                           | 0.4042277       |

| Kb       | suff | suff | suff | suff |
|----------|------|------|------|------|

| Db       | RMS  | Smin | Smax | Ly49A | Ly49I | Ly49C | 4\textsuperscript{th} strength | 4\textsuperscript{th} prob | 4\textsuperscript{th} expr |
|----------|------|------|------|-------|-------|-------|-------------------------------|-----------------|------------------|
| 2,51254  | 1    | 1    | 0    | 1     | 0     | 1     | 0.6                           | 0.4576271       |
| 2,51254  | 1    | 2    | 0    | 1     | 0     | 2     | 0.6                           | 0.4576271       |
| 2,51254  | 1    | 3    | 0    | 1     | 0     | 3     | 0.6                           | 0.4576271       |
| 2,51254  | 1    | 4    | 0    | 1     | 0     | 4     | 0.6                           | 0.4576271       |
| 2,51254  | 1    | 2    | 0    | 2     | 0     | 1     | 0.6                           | 0.4576271       |
| 2,51254  | 1    | 2    | 0    | 2     | 0     | 2     | 0.6                           | 0.4576271       |
| 2,51254  | 2    | 2    | 0    | 2     | 0     | 2     | 0.6                           | 0.4576271       |
| 2,51254  | 2    | 3    | 0    | 2     | 0     | 2     | 0.6                           | 0.4576271       |
| 2,51254  | 1    | 3    | 0    | 2     | 0     | 3     | 0.6                           | 0.4576271       |
| 2,51254  | 1    | 4    | 0    | 2     | 0     | 3     | 0.6                           | 0.4576271       |
| 2,51254  | 1    | 4    | 0    | 2     | 0     | 3     | 0.6                           | 0.4576271       |
| 2,51254  | 2    | 3    | 0    | 2     | 0     | 3     | 0.6                           | 0.4576271       |
| 2,51254  | 2    | 4    | 0    | 2     | 0     | 3     | 0.6                           | 0.4576271       |
| 2,51254  | 2    | 3    | 0    | 2     | 1     | 2     | 0.6                           | 0.4576271       |
| 2,51254  | 2    | 4    | 0    | 2     | 1     | 3     | 0.6                           | 0.4576271       |
| 2,51254  | 2    | 5    | 0    | 2     | 1     | 4     | 0.6                           | 0.4576271       |
| 2,51254  | 2    | 5    | 0    | 2     | 0     | 3     | 0.6                           | 0.4576271       |
| 2,51254  | 1    | 3    | 0    | 3     | 0     | 1     | 0.6                           | 0.4576271       |
| 2,51254  | 1    | 3    | 0    | 3     | 0     | 2     | 0.6                           | 0.4576271       |
| 2,51254  | 1    | 4    | 0    | 3     | 0     | 2     | 0.6                           | 0.4576271       |
| 2,51254  | 2    | 3    | 0    | 3     | 0     | 2     | 0.6                           | 0.4576271       |
| 2,51254  | 2    | 4    | 0    | 3     | 0     | 2     | 0.6                           | 0.4576271       |
| 2,51254  | 2    | 5    | 0    | 3     | 0     | 2     | 0.6                           | 0.4576271       |
| 2,51254  | 3    | 3    | 0    | 3     | 0     | 3     | 0.6                           | 0.4576271       |
| 2,51254  | 3    | 4    | 0    | 3     | 0     | 3     | 0.6                           | 0.4576271       |
Supplemental Table S1. Parameters for the two-step selection model

| Db    | RMS | Smin | Smax | Ly49A | Ly49I | Ly49C | 4<sup>th</sup> strength | 4<sup>th</sup> prob | 4<sup>th</sup> expr | Ly49AI,IC cont |
|-------|-----|------|------|-------|-------|-------|--------------------------|-------------------|-----------------|----------------|
| 2,51254 | 3   | 5    | 0    | 3     | 0     | 3     | 0,6                      | 0,4576271        |                 |                |
| 2,51254 | 1   | 4    | 0    | 3     | 0     | 4     | 0,6                      | 0,4576271        |                 |                |
| 2,51254 | 1   | 5    | 0    | 3     | 0     | 4     | 0,6                      | 0,4576271        |                 |                |
Supplemental Table S1. Parameters for the two-step selection model

| Ly49A,I,C cont | Db | RMS | Smin | Smax | Ly49A | Ly49I | Ly49C | 4th strength | 4th prob | 4th expr |
|----------------|----|-----|------|------|-------|-------|-------|--------------|----------|----------|
| 2,51254        | 3  | 4   | 0    | 4    | 0     | 4     | 0,6   | 0,4576271    |          |          |
| 2,51254        | 3  | 5   | 0    | 4    | 0     | 4     | 0,6   | 0,4576271    |          |          |
| 2,51254        | 3  | 6   | 0    | 4    | 0     | 4     | 0,6   | 0,4576271    |          |          |
| 2,51254        | 3  | 7   | 0    | 4    | 0     | 4     | 0,6   | 0,4576271    |          |          |
| 2,51254        | 4  | 4   | 0    | 4    | 0     | 4     | 0,6   | 0,4576271    |          |          |
| 2,51254        | 4  | 5   | 0    | 4    | 0     | 4     | 0,6   | 0,4576271    |          |          |
Supplemental Table S1. Parameters for the two-step selection model

| Db     | RMS   | Smin | Smax | Ly49A | Ly49I | Ly49C | 4th strength | 4th prob | 4th expr |
|--------|-------|------|------|-------|-------|-------|---------------|----------|----------|
| 2,51254| 2     | 5    | 1    | 4     | 0     | 3     | 0,6           | 0,4576271|
| 2,51254| 2     | 6    | 1    | 4     | 0     | 3     | 0,6           | 0,4576271|
| 2,51254| 3     | 5    | 1    | 4     | 0     | 3     | 0,6           | 0,4576271|
| 2,51254| 3     | 6    | 1    | 4     | 0     | 3     | 0,6           | 0,4576271|
| 2,51254| 2     | 5    | 1    | 4     | 0     | 4     | 0,6           | 0,4576271|
| 2,51254| 2     | 6    | 1    | 4     | 0     | 4     | 0,6           | 0,4576271|
| 2,51254| 2     | 7    | 1    | 4     | 0     | 4     | 0,6           | 0,4576271|
| 2,51254| 3     | 5    | 1    | 4     | 0     | 4     | 0,6           | 0,4576271|
| 2,51254| 3     | 6    | 1    | 4     | 0     | 4     | 0,6           | 0,4576271|

Ly49A,I,C cont

| Dd     | RMS   | Smin | Smax | Ly49A | Ly49I | Ly49C | 4th strength | 4th prob | 4th expr |
|--------|-------|------|------|-------|-------|-------|---------------|----------|----------|
| 3,12833| 2     | 6    | 3    | 1     | 2     | 3     | 0,65          | 0,7863008|
| 3,12833| 2     | 7    | 3    | 1     | 2     | 4     | 0,65          | 0,7863008|
| 3,12833| 2     | 7    | 4    | 1     | 2     | 3     | 0,65          | 0,7863008|
| 3,12833| 2     | 8    | 4    | 1     | 2     | 4     | 0,65          | 0,7863008|
| 3,12833| 3     | 8    | 4    | 1     | 3     | 4     | 0,65          | 0,7863008|
| 3,12833| 3     | 9    | 4    | 2     | 3     | 4     | 0,65          | 0,7863008|

Db insuff suff no suff

| Dd     | RMS   | Smin | Smax | Ly49A | Ly49I | Ly49C | 4th strength | 4th prob | 4th expr |
|--------|-------|------|------|-------|-------|-------|---------------|----------|----------|
| 2,33259| 1     | 3    | 2    | 0     | 1     | 2     | 0,65          | 0,7764911|
| 2,33259| 1     | 4    | 2    | 0     | 1     | 3     | 0,65          | 0,7764911|
| 2,33259| 1     | 5    | 2    | 0     | 1     | 4     | 0,65          | 0,7764911|

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Supplemental Table S1. Parameters for the two-step selection model

| Ly49A,I,C cont |
|----------------|
| **Ld** | **RMS** | **Smin** | **Smax** | **Ly49A** | **Ly49I** | **Ly49C** | **4th strength** | **4th prob** | **4th expr** |
| 2,33259 | 1 | 6 | 4 | 0 | 1 | 4 | 0,65 | 0,7764911 |
| 2,33259 | 1 | 7 | 4 | 0 | 1 | 4 | 0,65 | 0,7764911 |
| 2,33259 | 1 | 6 | 4 | 0 | 2 | 3 | 0,65 | 0,7764911 |
| 2,33259 | 2 | 6 | 4 | 0 | 2 | 4 | 0,65 | 0,7764911 |
| 2,33259 | 1 | 5 | 4 | 0 | 1 | 3 | 0,65 | 0,7764911 |
| 2,33259 | 1 | 6 | 4 | 0 | 1 | 3 | 0,65 | 0,7764911 |
| 2,33259 | 1 | 5 | 4 | 0 | 1 | 4 | 0,65 | 0,7764911 |
| 2,33259 | 1 | 6 | 4 | 0 | 2 | 4 | 0,65 | 0,7764911 |
| 2,33259 | 2 | 6 | 4 | 0 | 2 | 4 | 0,65 | 0,7764911 |
| 2,33259 | 1 | 7 | 4 | 0 | 3 | 4 | 0,65 | 0,7764911 |
| 2,33259 | 2 | 7 | 4 | 0 | 3 | 4 | 0,65 | 0,7764911 |
| 2,33259 | 3 | 7 | 4 | 0 | 3 | 4 | 0,65 | 0,7764911 |
| 2,33259 | 2 | 7 | 4 | 0 | 2 | 4 | 0,65 | 0,7764911 |

| Ly49G2,I,C |
|-------------|
| **Kb** | **RMS** | **Smin** | **Smax** | **Ly49G2** | **Ly49I** | **Ly49C** | **4th strength** | **4th prob** | **4th expr** |
| 2,7552 | 1 | 5 | 1 | 3 | 1 | 3 | 0,55 | 0,3316755 |
| 2,7552 | 1 | 6 | 1 | 3 | 1 | 4 | 0,55 | 0,3316755 |
| 2,7552 | 1 | 6 | 1 | 4 | 1 | 3 | 0,55 | 0,3316755 |
| 2,7552 | 1 | 6 | 1 | 4 | 1 | 4 | 0,55 | 0,3316755 |
| 2,7552 | 1 | 7 | 1 | 4 | 1 | 4 | 0,55 | 0,3316755 |
| 2,7552 | 1 | 7 | 1 | 4 | 2 | 4 | 0,55 | 0,3316755 |
| 2,7552 | 1 | 7 | 2 | 4 | 1 | 4 | 0,55 | 0,3316755 |

| **Db** | **RMS** | **Smin** | **Smax** | **Ly49G2** | **Ly49I** | **Ly49C** | **4th strength** | **4th prob** | **4th expr** |
| 2,53723 | 1 | 1 | 0 | 1 | 0 | 1 | 0,6 | 0,4576272 |
| 2,53723 | 1 | 2 | 0 | 1 | 0 | 2 | 0,6 | 0,4576272 |
| 2,53723 | 1 | 3 | 0 | 1 | 0 | 3 | 0,6 | 0,4576272 |
| 2,53723 | 1 | 4 | 0 | 1 | 0 | 4 | 0,6 | 0,4576272 |
Supplemental Table S1. Parameters for the two-step selection model

| Db    | RMS | Smin | Smax | Ly49G2 | Ly49I | Ly49C | 4th strength | 4th prob | 4th expr |
|-------|-----|------|------|--------|-------|-------|---------------|-----------|----------|
| 2,53723 | 1   | 2    | 0    | 2      | 0     | 1     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 1   | 2    | 0    | 2      | 0     | 2     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 1   | 3    | 0    | 2      | 0     | 2     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 2    | 0    | 2      | 0     | 2     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 3    | 0    | 2      | 0     | 2     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 3    | 0    | 2      | 0     | 3     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 4    | 0    | 2      | 0     | 3     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 1   | 4    | 0    | 2      | 0     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 1   | 5    | 0    | 2      | 0     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 4    | 0    | 2      | 0     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 5    | 0    | 2      | 0     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 3    | 0    | 2      | 1     | 2     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 4    | 0    | 2      | 1     | 3     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 5    | 0    | 2      | 1     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 1   | 3    | 0    | 3      | 0     | 1     | 0,6           | 4576272   | 4576272  |

Ly49G2,I,C cont

| Db    | RMS | Smin | Smax | Ly49G2 | Ly49I | Ly49C | 4th strength | 4th prob | 4th expr |
|-------|-----|------|------|--------|-------|-------|---------------|-----------|----------|
| 2,53723 | 1   | 3    | 0    | 3      | 0     | 2     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 1   | 4    | 0    | 3      | 0     | 2     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 3    | 0    | 3      | 0     | 2     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 4    | 0    | 3      | 0     | 2     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 1   | 3    | 0    | 3      | 0     | 3     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 1   | 4    | 0    | 3      | 0     | 3     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 3    | 0    | 3      | 0     | 3     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 4    | 0    | 3      | 0     | 3     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 3   | 3    | 0    | 3      | 0     | 3     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 3   | 4    | 0    | 3      | 0     | 3     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 3   | 5    | 0    | 3      | 0     | 3     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 1   | 4    | 0    | 3      | 0     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 1   | 5    | 0    | 3      | 0     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 1   | 6    | 0    | 3      | 0     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 4    | 0    | 3      | 0     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 5    | 0    | 3      | 0     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 6    | 0    | 3      | 0     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 3   | 4    | 0    | 3      | 0     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 3   | 5    | 0    | 3      | 0     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 3   | 6    | 0    | 3      | 0     | 4     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 4    | 0    | 3      | 1     | 2     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 4    | 0    | 3      | 1     | 3     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 2   | 5    | 0    | 3      | 1     | 3     | 0,6           | 4576272   | 4576272  |
| 2,53723 | 3   | 4    | 0    | 3      | 1     | 3     | 0,6           | 4576272   | 4576272  |
Supplemental Table S1. Parameters for the two-step selection model

| Db  | RMS  | Smin  | Smax  | Ly49G2 | Ly49I | Ly49C | 4<sup>th</sup> strength | 4<sup>th</sup> prob | 4<sup>th</sup> expr |
|-----|------|-------|-------|--------|-------|-------|-----------------|----------------|----------------|
| 2,53723 | 3    | 6     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 1    | 4     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 1    | 5     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 1    | 6     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 1    | 7     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 2    | 4     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 2    | 5     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 2    | 6     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 2    | 7     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 3    | 4     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 3    | 5     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 3    | 6     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 3    | 7     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 4    | 4     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 4    | 5     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 4    | 6     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 4    | 7     | 0     | 4      | 0     | 4     | 0,6             | 0,4576272       |                |
| 2,53723 | 2    | 5     | 0     | 4      | 1     | 2     | 0,6             | 0,4576272       |                |
| 2,53723 | 2    | 5     | 0     | 4      | 1     | 3     | 0,6             | 0,4576272       |                |
| 2,53723 | 2    | 6     | 0     | 4      | 1     | 3     | 0,6             | 0,4576272       |                |
| 2,53723 | 3    | 5     | 0     | 4      | 1     | 3     | 0,6             | 0,4576272       |                |
| 2,53723 | 3    | 6     | 0     | 4      | 1     | 3     | 0,6             | 0,4576272       |                |
| 2,53723 | 2    | 5     | 0     | 4      | 1     | 4     | 0,6             | 0,4576272       |                |
Supplemental Table S1. Parameters for the two-step selection model

|     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2.53723 | 2   | 6   | 0   | 4   | 1   | 4   | 0.6 | 0.4576272 |
| 2.53723 | 2   | 7   | 0   | 4   | 1   | 4   | 0.6 | 0.4576272 |
| 2.53723 | 3   | 5   | 0   | 4   | 1   | 4   | 0.6 | 0.4576272 |
| 2.53723 | 3   | 6   | 0   | 4   | 1   | 4   | 0.6 | 0.4576272 |
| 2.53723 | 3   | 7   | 0   | 4   | 1   | 4   | 0.6 | 0.4576272 |
| 2.53723 | 4   | 5   | 0   | 4   | 1   | 4   | 0.6 | 0.4576272 |
| 2.53723 | 4   | 6   | 0   | 4   | 1   | 4   | 0.6 | 0.4576272 |
| 2.53723 | 4   | 6   | 0   | 4   | 1   | 4   | 0.6 | 0.4576272 |
| 2.53723 | 3   | 6   | 0   | 4   | 1   | 4   | 0.6 | 0.4576272 |
| 2.53723 | 2   | 3   | 1   | 2   | 0   | 2   | 0.6 | 0.4576272 |
| 2.53723 | 2   | 4   | 1   | 2   | 0   | 2   | 0.6 | 0.4576272 |
| 2.53723 | 2   | 5   | 1   | 2   | 0   | 2   | 0.6 | 0.4576272 |
| 2.53723 | 2   | 4   | 1   | 3   | 0   | 2   | 0.6 | 0.4576272 |
| 2.53723 | 2   | 4   | 1   | 3   | 0   | 3   | 0.6 | 0.4576272 |
| 2.53723 | 2   | 5   | 1   | 3   | 0   | 3   | 0.6 | 0.4576272 |
| 2.53723 | 3   | 4   | 1   | 3   | 0   | 3   | 0.6 | 0.4576272 |
| 2.53723 | 3   | 5   | 1   | 3   | 0   | 3   | 0.6 | 0.4576272 |
| 2.53723 | 2   | 5   | 1   | 3   | 0   | 4   | 0.6 | 0.4576272 |

Ly49G2,I,C cont

| Db     | RMS | Smin | Smax | Ly49G2 | Ly49I | Ly49C | 4th strength | 4th prob | 4th expr |
|--------|-----|------|------|--------|-------|-------|---------------|----------|----------|
| 2.53723 | 2   | 6    | 1    | 3      | 0     | 4     | 0.6           | 0.4576272 |
| 2.53723 | 3   | 5    | 1    | 3      | 0     | 4     | 0.6           | 0.4576272 |
| 2.53723 | 3   | 6    | 1    | 3      | 0     | 4     | 0.6           | 0.4576272 |
| 2.53723 | 3   | 5    | 1    | 3      | 0     | 4     | 0.6           | 0.4576272 |
| 2.53723 | 2   | 5    | 1    | 4      | 0     | 2     | 0.6           | 0.4576272 |
| 2.53723 | 2   | 5    | 1    | 4      | 0     | 2     | 0.6           | 0.4576272 |
| 2.53723 | 2   | 6    | 1    | 4      | 0     | 3     | 0.6           | 0.4576272 |
| 2.53723 | 3   | 5    | 1    | 4      | 0     | 3     | 0.6           | 0.4576272 |
| 2.53723 | 3   | 6    | 1    | 4      | 0     | 3     | 0.6           | 0.4576272 |
| 2.53723 | 2   | 6    | 1    | 4      | 0     | 3     | 0.6           | 0.4576272 |
| 2.53723 | 3   | 5    | 1    | 4      | 0     | 4     | 0.6           | 0.4576272 |
| 2.53723 | 2   | 7    | 1    | 4      | 0     | 4     | 0.6           | 0.4576272 |
| 2.53723 | 3   | 5    | 1    | 4      | 0     | 4     | 0.6           | 0.4576272 |
| 2.53723 | 3   | 6    | 1    | 4      | 0     | 4     | 0.6           | 0.4576272 |
| 2.53723 | 3   | 7    | 1    | 4      | 0     | 4     | 0.6           | 0.4576272 |
| 2.53723 | 4   | 5    | 1    | 4      | 0     | 4     | 0.6           | 0.4576272 |
| 2.53723 | 4   | 6    | 1    | 4      | 0     | 4     | 0.6           | 0.4576272 |
| 2.53723 | 4   | 7    | 1    | 4      | 0     | 4     | 0.6           | 0.4576272 |
| 2.53723 | 3   | 6    | 1    | 4      | 1     | 3     | 0.6           | 0.4576272 |
Supplemental Table S1. Parameters for the two-step selection model

| Db  | RMS   | Smin | Smax | Ly49G2 | Ly49I | Ly49C | 4\textsuperscript{th} strength | 4\textsuperscript{th} prob | 4\textsuperscript{th} expr |
|-----|-------|------|------|--------|-------|-------|-------------------------------|-----------------|-------------------|
| 2,53723 | 3     | 6    | 1    | 4      | 1     | 4     | 0,6                           | 0,4576272       |
| 2,53723 | 3     | 7    | 1    | 4      | 1     | 4     | 0,6                           | 0,4576272       |
| 2,53723 | 4     | 6    | 1    | 4      | 1     | 4     | 0,6                           | 0,4576272       |
| 2,53723 | 4     | 7    | 1    | 4      | 1     | 4     | 0,6                           | 0,4576272       |
| 2,53723 | 3     | 5    | 2    | 3      | 0     | 3     | 0,6                           | 0,4576272       |
| 2,53723 | 3     | 6    | 2    | 3      | 0     | 4     | 0,6                           | 0,4576272       |
| 2,53723 | 3     | 6    | 2    | 4      | 0     | 3     | 0,6                           | 0,4576272       |
| 2,53723 | 3     | 6    | 2    | 4      | 0     | 4     | 0,6                           | 0,4576272       |
| 2,53723 | 4     | 6    | 2    | 4      | 0     | 3     | 0,6                           | 0,4576272       |
| 2,53723 | 4     | 7    | 2    | 4      | 0     | 4     | 0,6                           | 0,4576272       |
| 2,53723 | 4     | 7    | 2    | 4      | 1     | 4     | 0,6                           | 0,4576272       |

| Dd  | RMS   | Smin | Smax | Ly49G2 | Ly49I | Ly49C | 4\textsuperscript{th} strength | 4\textsuperscript{th} prob | 4\textsuperscript{th} expr |
|-----|-------|------|------|--------|-------|-------|-------------------------------|-----------------|-------------------|
| 2,52555 | 4     | 8    | 2    | 3      | 1     | 4     | 0,6                           | 0,6891659       |

| Dd  | RMS   | Smin | Smax | Ly49G2 | Ly49I | Ly49C | 4\textsuperscript{th} strength | 4\textsuperscript{th} prob | 4\textsuperscript{th} expr |
|-----|-------|------|------|--------|-------|-------|-------------------------------|-----------------|-------------------|
| Ld  | RMS   | Smin | Smax | Ly49G2 | Ly49I | Ly49C | 4\textsuperscript{th} strength | 4\textsuperscript{th} prob | 4\textsuperscript{th} expr |
| 2,05446 | 3     | 7    | 1    | 1      | 2     | 3     | 0,65                          | 0,8807707       |
| 2,05446 | 3     | 8    | 1    | 1      | 2     | 4     | 0,65                          | 0,8807707       |
| 2,05446 | 4     | 9    | 1    | 1      | 3     | 4     | 0,65                          | 0,8807707       |
| 2,05446 | 4     | 10   | 1    | 2      | 3     | 4     | 0,65                          | 0,8807707       |
| 2,05446 | 4     | 10   | 2    | 1      | 3     | 4     | 0,65                          | 0,8807707       |

| Ld  | RMS   | Smin | Smax | Ly49G2 | Ly49I | Ly49C | 4\textsuperscript{th} strength | 4\textsuperscript{th} prob | 4\textsuperscript{th} expr |
|-----|-------|------|------|--------|-------|-------|-------------------------------|-----------------|-------------------|
|     |       |      |      |        |       |       |                               |                 |                   |