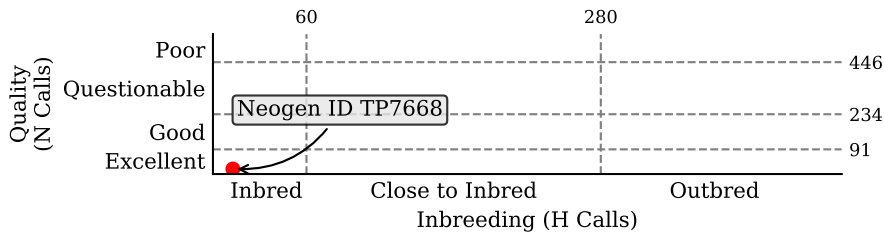
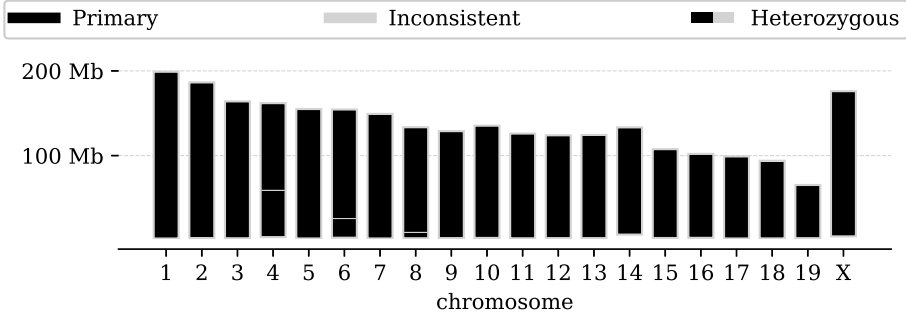


MiniMUGA Background Analysis v0008

| Sample ID | SK_MLE12_F001 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---------------|--------------|--------------|--------------|--------------|----------|----------|--------|---------------|----------|----------|------|------|------|------|------|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Neogen ID | TP7668 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Summary | The genotype of this sample is of excellent quality. It is female and inbred , and likely a FVB/NTac mouse. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | The sample contains the following genetic constructs: SV40 large T antigen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Genotyping Quality | Excellent (11 N calls) All reported results are dependent on genotyping quality. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chromosomal Sex | XX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inbreeding Estimate | Inbred (5 H calls at autosomal, X, and PAR chromosome markers) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inbreeding and Genotyping Quality (Plot) |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Constructs Detected | <table><tr><td>BlastR</td><td>bpa</td><td>Cas9</td><td>chlor</td><td>Cre</td><td>DTA</td><td>g_FP</td><td>hCMV_a</td><td>hCMV_b</td><td>hTK_pr</td><td>iCre</td><td>IRES</td><td>Luc</td><td>r_FP</td><td>rtTA</td><td>SV40</td><td>tTA</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>+</td><td>-</td></tr></table> | BlastR | bpa | Cas9 | chlor | Cre | DTA | g_FP | hCMV_a | hCMV_b | hTK_pr | iCre | IRES | Luc | r_FP | rtTA | SV40 | tTA | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | + | - |
| BlastR | bpa | Cas9 | chlor | Cre | DTA | g_FP | hCMV_a | hCMV_b | hTK_pr | iCre | IRES | Luc | r_FP | rtTA | SV40 | tTA | | | | | | | | | | | | | | | | | | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | + | - | | | | | | | | | | | | | | | | | | | |
| Primary Background (Autosomes, X Chromosome) | <table><tr><th>Strain</th><th>Total</th><th>Consistent</th><th>Inconsistent</th><th>Heterozygous</th><th>Excluded</th></tr><tr><td>FVB/NTac</td><td>8913</td><td>8786 (100.0%)</td><td>3 (0.0%)</td><td>0 (0.0%)</td><td>124</td></tr></table> | Strain | Total | Consistent | Inconsistent | Heterozygous | Excluded | FVB/NTac | 8913 | 8786 (100.0%) | 3 (0.0%) | 0 (0.0%) | 124 | | | | | | | | | | | | | | | | | | | | | | |
| Strain | Total | Consistent | Inconsistent | Heterozygous | Excluded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FVB/NTac | 8913 | 8786 (100.0%) | 3 (0.0%) | 0 (0.0%) | 124 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Secondary Background (Autosomes, X Chromosome) | Not Applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Background Ideogram |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Backgrounds Detected (Diagnostic Alleles) | No Backgrounds Detected via Diagnostic Alleles | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |