



|   |        |    |       |
|---|--------|----|-------|
| One-way analysis of variance            |        |    |       |
| P value                                 | 0.0013 |    |       |
| P value summary                         | **     |    |       |
| Are means signif. different? (P < 0.05) | Yes    |    |       |
| Number of groups                        | 6      |    |       |
| F                                       | 9.053  |    |       |
| R squared                               | 0.8045 |    |       |
| ANOVA Table                             |        |    |       |
|   | SS     | df | MS    |
| Treatment (between columns)             | 454.1  | 5  | 90.82 |
| Residual (within columns)               | 110.4  | 11 | 10.03 |
| Total                                   | 564.5  | 16 |       |

| Bonferroni's Multiple Comparison Test  | Mean Diff. | t      | Significant? P < 0.05? | Summary | 95% CI of diff    |
|--|------------|--------|------------------------|---------|-------------------|
| WT vs mlc1 <sup>-/-</sup>  | -10.60     | 4.099  | Yes                    | *       | -20.24 to -0.9578 |
| WT vs glialcam <sup>-/-</sup>  | -13.87     | 5.362  | Yes                    | **      | -23.51 to -4.224  |
| WT vs mlc1 <sup>+/-</sup> glialcam <sup>-/-</sup>  | -14.53     | 5.620  | Yes                    | **      | -24.18 to -4.891  |
| WT vs mlc1 <sup>-/-</sup> glialcam <sup>+/-</sup>  | -11.47     | 4.434  | Yes                    | *       | -21.11 to -1.824  |
| WT vs mlc1 <sup>-/-</sup>  | -14.87     | 5.142  | Yes                    | **      | -25.65 to -4.086  |
| mlc1 <sup>-/-</sup> vs glialcam <sup>-/-</sup>   | -3.267     | 1.263  | No                     | ns      | -12.91 to 6.376   |
| mlc1 <sup>-/-</sup> vs mlc1 <sup>+/-</sup> glialcam <sup>-/-</sup>                         | -3.933     | 1.521  | No                     | ns      | -13.58 to 5.709   |
| mlc1 <sup>-/-</sup> vs mlc1 <sup>-/-</sup> glialcam <sup>+/-</sup>                         | -0.8667    | 0.3351 | No                     | ns      | -10.51 to 8.776   |
| mlc1 <sup>-/-</sup> vs mlc1 <sup>-/-</sup>   | -4.267     | 1.476  | No                     | ns      | -15.05 to 6.514   |
| glialcam <sup>-/-</sup> vs mlc1 <sup>+/-</sup> glialcam <sup>-/-</sup>                     | -0.6667    | 0.2578 | No                     | ns      | -10.31 to 8.976   |
| glialcam <sup>-/-</sup> vs mlc1 <sup>-/-</sup> glialcam <sup>+/-</sup>                     | 2.400      | 0.9280 | No                     | ns      | -7.242 to 12.04   |
| glialcam <sup>-/-</sup> vs mlc1 <sup>-/-</sup>   | -1.000     | 0.3458 | No                     | ns      | -11.78 to 9.780   |
| mlc1 <sup>+/-</sup> glialcam <sup>-/-</sup> vs mlc1 <sup>-/-</sup> glialcam <sup>+/-</sup> | 3.067      | 1.186  | No                     | ns      | -6.576 to 12.71   |
| mlc1 <sup>+/-</sup> glialcam <sup>-/-</sup> vs mlc1 <sup>-/-</sup>                         | -0.3333    | 0.1153 | No                     | ns      | -11.11 to 10.45   |
| mlc1 <sup>-/-</sup> glialcam <sup>+/-</sup> vs mlc1 <sup>-/-</sup>                         | -3.400     | 1.176  | No                     | ns      | -14.18 to 7.380   |