

**Table 1.** Group sizes and sample coverage for the data presented.

<b>Colony</b>	<b>Genotype</b>	<b>Sex</b>	<b><i>n</i></b>	<b>Mean # reads</b>	<b>SEM</b>
<b>VPAC1<sup>-/-</sup></b>	<b>WT</b>	<b>M</b>	<b>6</b>	<b>88575</b>	<b>4221</b>
<b>VPAC1<sup>-/-</sup></b>	<b>WT</b>	<b>F</b>	<b>11</b>	<b>100908</b>	<b>2948</b>
<b>VPAC1<sup>-/-</sup></b>	<b>HET</b>	<b>M</b>	<b>8</b>	<b>106307</b>	<b>4784</b>
<b>VPAC1<sup>-/-</sup></b>	<b>HET</b>	<b>F</b>	<b>7</b>	<b>99666</b>	<b>3798</b>
<b>VPAC1<sup>-/-</sup></b>	<b>KO</b>	<b>M</b>	<b>10</b>	<b>105701</b>	<b>5596</b>
<b>VPAC1<sup>-/-</sup></b>	<b>KO</b>	<b>F</b>	<b>6</b>	<b>89259</b>	<b>10831</b>
<b>VPAC2<sup>-/-</sup></b>	<b>WT</b>	<b>M</b>	<b>8</b>	<b>97079</b>	<b>4925</b>
<b>VPAC2<sup>-/-</sup></b>	<b>WT</b>	<b>F</b>	<b>5</b>	<b>101003</b>	<b>2650</b>
<b>VPAC2<sup>-/-</sup></b>	<b>HET</b>	<b>M</b>	<b>8</b>	<b>104195</b>	<b>6118</b>
<b>VPAC2<sup>-/-</sup></b>	<b>HET</b>	<b>F</b>	<b>8</b>	<b>121990</b>	<b>14073</b>
<b>VPAC2<sup>-/-</sup></b>	<b>KO</b>	<b>M</b>	<b>8</b>	<b>109828</b>	<b>4466</b>
<b>VPAC2<sup>-/-</sup></b>	<b>KO</b>	<b>F</b>	<b>8</b>	<b>165374</b>	<b>9515</b>