*Supplementary Table 2. Volumes and proliferation of AMs with constitutive and adult-onset Phd2 inactivation.* Quantification of AM volumes and Ki67⁺ cells per mm² of AMs in Phd2^flo/flo;THCre, Phd2^flo/flo;THCreER, Phd2^flo/flo;RosaCreER mice and their littermate controls (Phd2^flo/flo). Data were analysed by Student’s two tailed t-tests and are shown as mean±SEM; n=3 for all comparisons except volume in Phd2^flo/flo;THCre versus control, where n=5. No significant differences in AM volume or proliferation were noted in pairwise comparisons between Phd2 knock-out versus control mice in any of the groups, although there were differences in values (including controls) between the paired comparisons which may be due to small differences in methods of tissue preparation.

<table>
<thead>
<tr>
<th>Mouse model</th>
<th>AM volume (mm³)</th>
<th>Ki67⁺ cells per mm² AM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Control</td>
<td>Knock-out</td>
</tr>
<tr>
<td>Phd2^flo/flo;THCre</td>
<td>0.08±0.01</td>
<td>0.08±0.02</td>
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<tr>
<td>Phd2^flo/flo;THCreER</td>
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<td>0.14±0.02</td>
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<tr>
<td>Phd2^flo/flo;RosaCreER</td>
<td>0.15±0.00</td>
<td>0.16±0.01</td>
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