

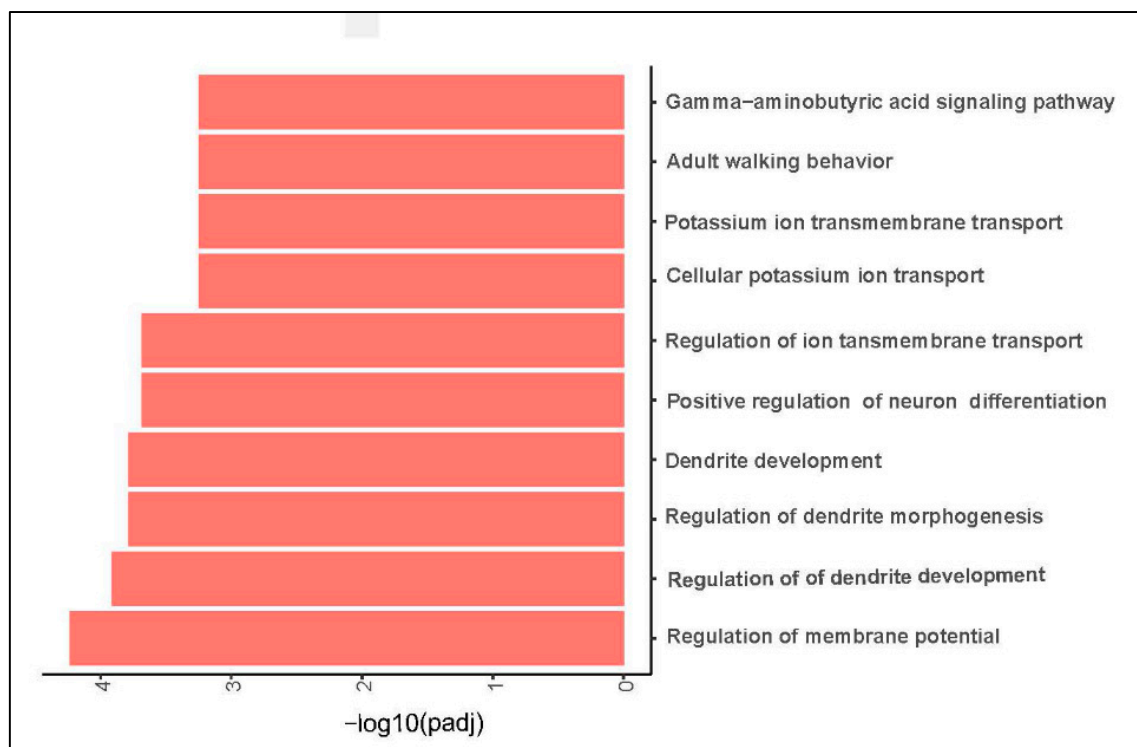
# Increasing Endoglin Deletion in Endothelial Cells Exacerbates the Severity of Brain Arteriovenous Malformation in Mouse

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**Supplementary Figure S1: Top 10 down-regulated biological pathways in icre mice compared to WT cre mice. None of these pathways is related to angiogenesis and inflammation.**

**Supplementary Table S1.** Genes related to angiogenesis, innate immune response, and Leukocytes differentiation in top 100 upregulated Genes in bAVM of icre mice compared to WT cre mice.

Gene	Log2-fold change	Adjusted <i>p</i> -value
<b>Apobec3*</b>	4.2	1.18E-78
<b>Gas5***</b>	3.6	9.47E-55
<b>Nr4a1***</b>	1.9	2.15E-12
<b>Cyr61***</b>	2.5	6.23E-12
<b>Klf2***</b>	1.7	2.11E-10
<b>Egr4***</b>	1.6	3.17E-07
<b>Egr2***</b>	2.8	2.98E-05
<b>Id1***</b>	1.2	0.0006
<b>Fcer1g**</b>	1.1	0.0018
<b>Apold1***</b>	1.7	0.0039
<b>Egfl7***</b>	1	0.0061
<b>Klf4***</b>	1.4	0.0080
<b>Egr1***</b>	0.8	0.0165
<b>Stxbp2**</b>	1.1	0.0195
<b>Gnas**</b>	0.9	0.0202
<b>C1qa*</b>	0.9	0.0389
<b>Nrarp***</b>	1.2	0.0389

\* Innate immune response

\*\* Leukocytes differentiation

\*\*\* Angiogenesis