

Table S2: Top 50 differentially regulated proteins in the ONL of *rod* ^{Δ^{Vhl}} mice

Uniprot ID	Gene symbol	Abundance Ratio [<i>rod</i> ^{Δ^{Vhl}} /ctrl]	P Value
Q91WT4	Dnajc17	100	<0.000001
P01901	H2-K1	100	<0.000001
Q8K4Q0	Rptor	100	<0.000001
Q7TMY4	Thoc7	100	<0.000001
P01902	H2-K1	20.11	<0.000001
D3YZP9	Ccdc6	16.52	<0.000001
Q9CZ28	Snf8	16.36	<0.000001
Q9Z1P6	Ndufa7	15.39	<0.000001
P06956	Cre	8.32	<0.000001
P84228	H3c2	7.54	<0.000001
Q8VEJ9	Vps4a	5.30	<0.000001
P32037	Slc2a3*	5.10	<0.000001
Q9CW07	Ppp1r3g	4.38	<0.000001
P60762	Morf4l1	3.05	0.0001
Q8R1F0	D8Ertd738e	2.99	<0.000001
Q3TGF2	Fam107b	2.98	0.000004
Q9CQS2	Nop10	2.92	0.0031
P56812	Pdcd5	2.89	0.000001
Q8K442	Abca8a	2.83	<0.000001
Q64522	H2ac21	2.61	<0.000001
P51880	Fabp7	2.55	0.00003
Q8VHR5	Gatad2b	2.53	0.00004
Q9CY57	Chtop	2.47	<0.000001
Q8C6B9	Rps19bp1	2.41	0.0022
Q9CQB5	Cisd2	2.37	0.00005
Q9DAI2	Ift22	0.36	0.000005
Q99M74	Krt82	0.33	<0.000001
Q9QYB1	Clic4	0.29	<0.000001
O70494	Sp3	0.28	<0.000001
Q8VED5	Krt79	0.27	<0.000001
Q61414	Krt15	0.27	<0.000001
Q7TND5	Rpf1	0.10	<0.000001
Q5F293	Zbtb4	0.10	<0.000001
Q8BSZ2	Ap3s2	0.10	<0.000001
Q9JM96	Cdc42ep4	0.09	<0.000001
Q9JI90	Rnf14	0.09	<0.000001
Q6PAV2	Herc4	0.09	<0.000001
O70172	Pip4k2a	0.08	<0.000001
Q8CFC2	Myt1	0.07	<0.000001
Q8BWW9	Pkn2	0.07	<0.000001
O70480	Vamp4	0.06	<0.000001
Q3UDR8	Yipf3	0.06	<0.000001
Q8R3V5	Sh3glb2	0.06	<0.000001
Q8BH24	Tm9sf4	0.05	<0.000001
Q03137	Epha4	0.01	<0.000001
Q91WK5	Gcsh	0.01	<0.000001
Q6Y7W8	Gigyf2	0.01	<0.000001
Q8R3H7	Hs2st1	0.01	<0.000001
Q99L88	Sntb1	0.01	<0.000001
Q811S7	Ubp1	0.01	<0.000001

*glycolysis associated proteins