

Common molecular alterations in canine and human malignant gliomas and potential novel therapeutic targets

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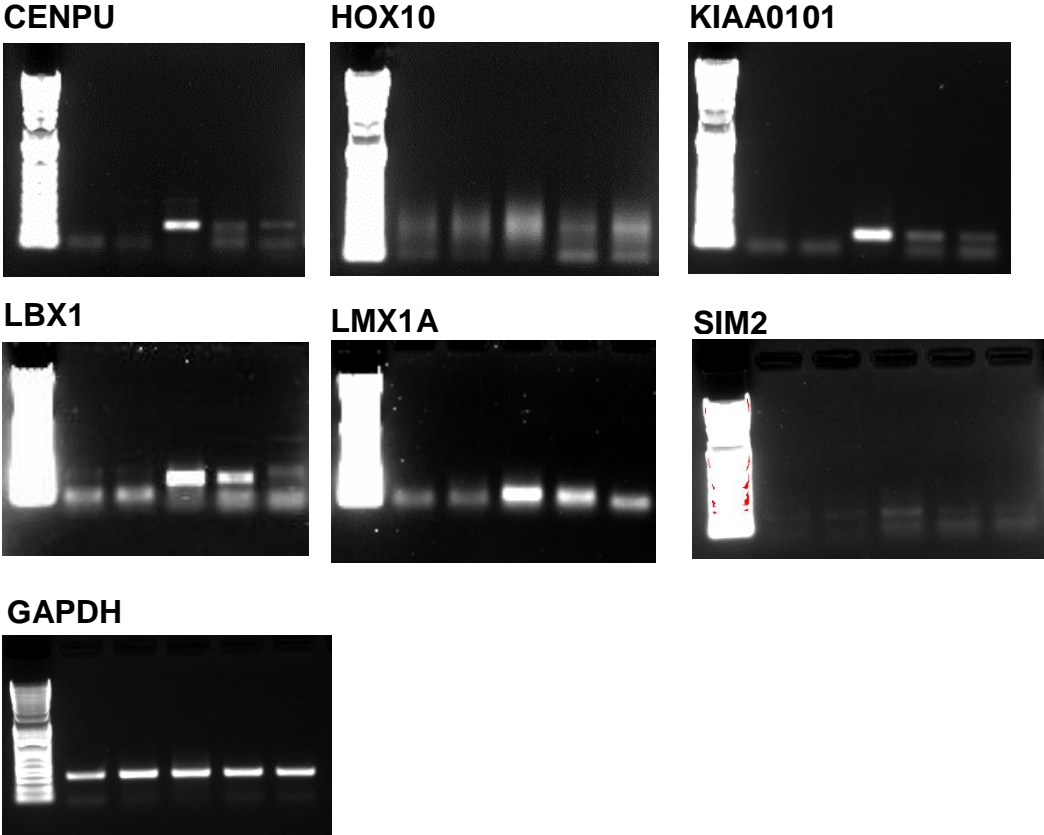
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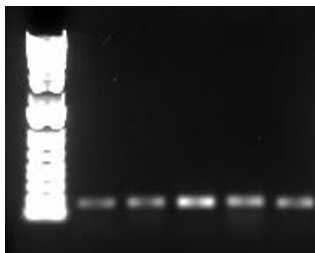
Figure S1

A. RT-PCR of Upregulated Genes Blots

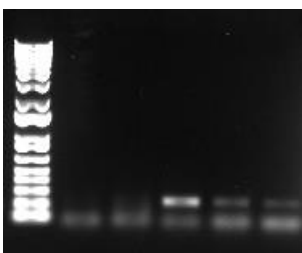


B. RT-PCR of CD Gene Blots

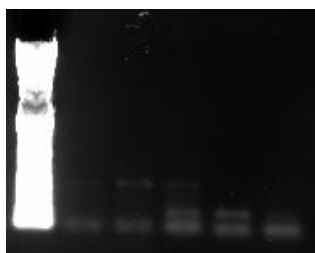
CD74



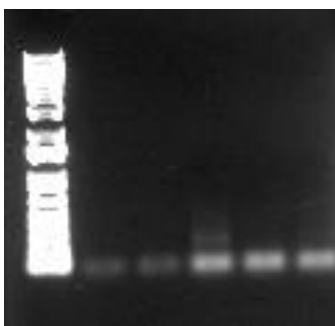
CD2



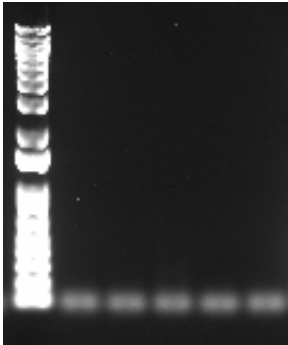
CD101



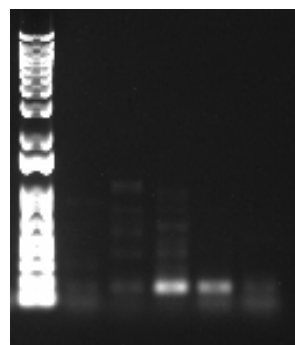
CD209



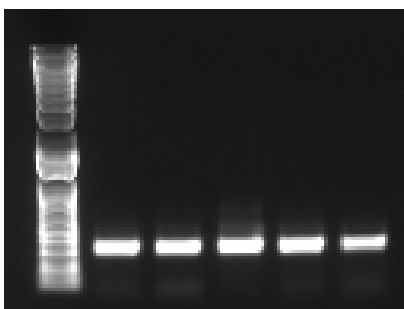
CD1A8



CD70

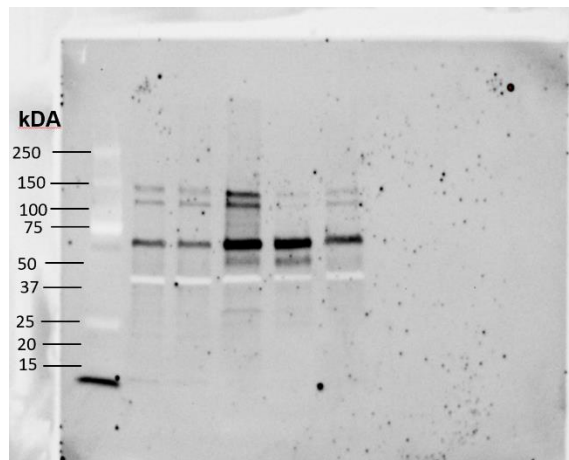


GAPDH

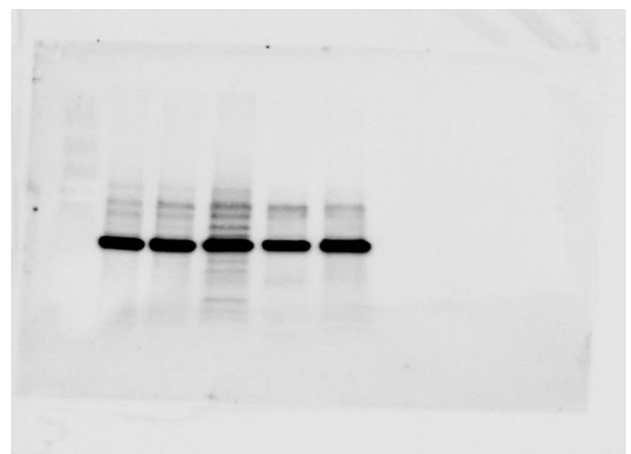


C. Western Blots of KIF11 and UBE2C

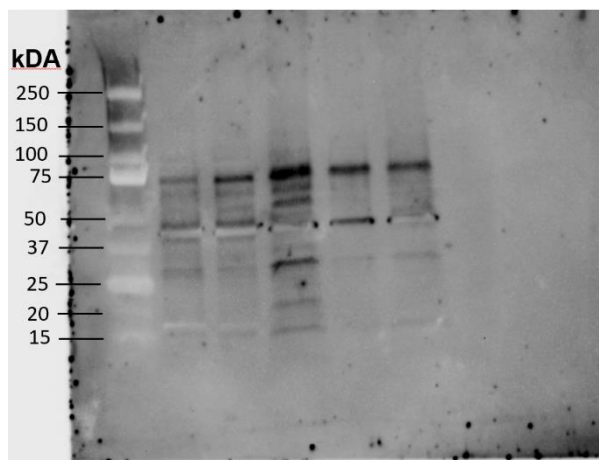
KIF11



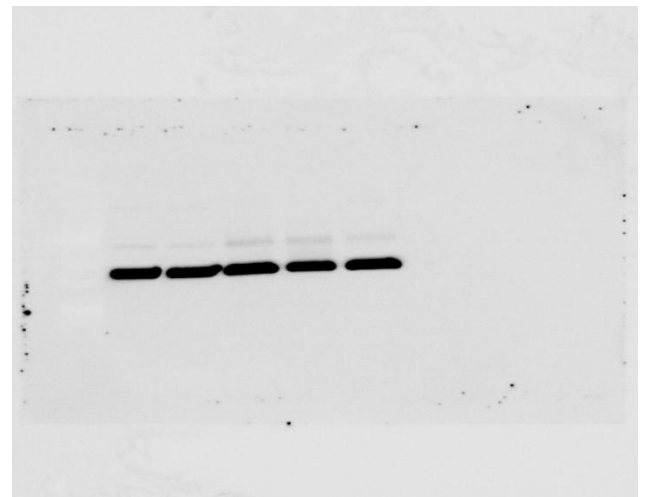
Beta-Arrestin



UBE2C



Beta-Arrestin



D. Primers

D-GAPDH: F: 5'-ATC ACC ATC TTC CAG GAG CGA GA-3'
D-GAPDH: R: 5'-GTC TTC TGG GTG GCA GTG ATG G-3'

D-RRM2-F: 5'- GTTACCCCTGCTTTCTCCCT- 3'
D-RRM2-R: 5'-AGACAGCCACCGTTACAGAA-3'

D-IRX5-F: 5'-CAAGGGCGAGAAGATCATGC- 3'
D-IRX5-R: 5'-CGATGTTCTCCTCCTCCTCC-3'

D-KIAA0101-F: 5'-GTAAACACCCTCGGTTGGA-3'
D-KIAA0101-R: 5'-GATGAAAGCGGTGTGGAGTT-3'

D-LBX1-F: 5'-AAGACCTTTAAGGGGCTGGA-3'
D-LBX1-R: 5'-CGATTCTGGAACCAGGTGAT-3'

D-HOXC10-F: 5'-AGTGTGGCTGGTGTGTGTGT-3'
D-HOXC10-R: 5'-GAAATGCAGCAAGGAAGGAG-3'

D-SIM2-F: 5'-TGTGGAAAACAGTGGTGGAA-3'
D-SIM2-R: 5'-TCTTGCTGAACCAACAGTGC-3'

D-LMX1A-F: 5'-TCTAAGCCGTGCAGAAAGGT-3'
D-LMX1A-R: 5'-TGAGTGTTCTGCTGGTCCTG-3'

D-DTL-F: 5'-GATGGCTCACTGGAATGCTG- 3'
D-DTL-R: 5'-TTGCCATCTCTCCACCTGT-3'

D-CENPU-F: 5'-CAGCATCTGCTTGA ACTCCA-3'
D-CENPU-R: 5'-GGGCTCTCGCTGTC ACTAAC-3'

D-CD209-F: 5'-ACTCTTCCAGGAAAGCTGCT- 3'
D-CD209-R: 5'-CTGAGTTGGAGGGGAGTGTT-3'

D-CD70-F: 5'-CTGAATCACACAGGACAGCG-3'
D-CD70-R: 5'-CAGTTGGCCAGTGTC ACTTG-3'

D-CD1A8-F: 5'-ACATACACCATCCGATCCCC-3'
D-CD1A8-R: 5'-GCTCAGGACATCAGAACCCT-3'

D-CD163-F: 5'-CTTCTGGCCTTTCTCATCGC- 3'
D-CD163-R: 5'-AAGTCAGCACGTCCAGATCA-3'

D-CD1A6-F: 5'-AGCCAGTCTCCTTCCAAGTC- 3'
D-CD1A6-R: 5'-TTCCCGTTCAATCAGCTCCT-3'

D-CD101-F: 5'-CTGTGAGGCAACTGAGTGGA-3'
D-CD101-R: 5'-TCCCAGCCACCACCTACTAC-3'

D-CD93-F: 5'-GCTTTGCCTAGAATCTGCCC- 3'
D-CD93-R: 5'-AAAAGGACAGCTTGCCCATG-3'

D-CD2-F: 5'-GGGCCTGGACATCTATCTCA-3'
D-CD2-R: 5'-GTTGGGACACAGCTGGATTT-3'

D-CD36-F: 5'-TGACCGTTCTCAATCTGGCT- 3'
D-CD36-R: 5'-AGAATGGATCCGTGTAGCCC-3'

D-CD74-F: 5'-GTGGCCTTCTGTGGACAAAT-3'
D-CD74-R: 5'-GCGCTGGTCTTCCATAGTTC-3'