

FIG. 1

Amino acid sequence of human menin, isoform 1 (SEQ ID NO: 1):

MGLKAAQKTLFPLRSIDDVVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNVPE
LTFQPSPAPDPFPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSREL VKK
VSDVIWNSLSRSYFKDRAHIQSLFSFITGWSPVGTKLDSSGVAFAVVGACQALGLRDVHL
ALSEDHAWVVFPGNGEQTA EVTWHGKGNEDRRGQTVNAGVAERSWLYLKGSYMRCDRKME
VAFMVCAINPSIDLHTDSLELLQLQKLLWLLYDLGHLERYPMALGNLADLEELEPTPGR
PDPLTLYHKGIASAKTYRDEHIYPMYLAGYHCRNRNVREALQAWADTATVIQDYN YCR
EDEEIIYKEFFE VANDVIPNLLKEAASLLEAGEERPGEQSQGTQSQGSALQDPECFAHLLR
FYDGICKWEEGSPTPVLHVGWATFLVQSLGRFEGQVRQKVRIVSREAEAAEAEFPWGEEA
REGRRRGPRRESKPEEPPPPKKPALDKGLGTGQGAVSGPPRKPPGT VAGTARGPEGGSTA
QVPAPTASPPPEGPVLT FQSEKMKGMKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTP
SDYTL SFLKRQRKGL

FIG. 2

Amino acid sequence of human menin, isoform 2 (SEQ ID NO: 2):

MGLKAAQKTLFPLRSIDDVVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNVPE
LTFQPSPAPDPFPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRELVKK
VSDVIWNSLSRSYFKDRAHIQSLFSFITGTKLDSSGVAFAVVGACQALGLRDVHLALSED
HAWVVFPGNGEQTA EVTWHGKGNE DRRGQTVNAGVAERSWLYLKGSYMRCDRKMEVAFMV
CAINPSIDLHTDSLELLQLQKLLWLLYDLGHLERYPMALGNLADLEELEPTPGRPDPLT
LYHKGIASAKTYRDEHIYPYMYLAGYHCRNRNVREALQAWADTATVIQDYNCREDEEI
YKEFFE VANDVIPNLLKEAASLLEAGEERPGEQSQGTQSQGSALQDPECFAHLLRFYDGI
CKWEEGSPTPVLHVGWATFLVQSLGRFEGQVRQKVRIVSREAEAAEAEFPWGEEAREGR
RGPRRESKP EEP PPKK PALDKGLGTGQ GAVSGPPRKPPGT VAGTARGPEGGSTAQVPAP
TASPPPEGPVLTFQSEKMKGMKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTPSDYTL
SFLKRQRKGL

FIG. 3

Amino acid sequence of human menin, isoform 3 (SEQ ID NO: 3):

MGLKAAQKTLFPLRSIDDVVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNVPE
LTFQPSAPDPFPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRELVKK
VSDVIWNSLSRSYFKDRAHIQSLFSFITGTKLDSSGVAFVAVGACQALGLRDVHLALSED
HAWSWLYLKGSYMRCRDKMEVAFMVCAINPSIDLHTDSLELLQLQKLLWLLYDLGHLER
YPMALGNLADLEELEPTPGRPDPLTLYHKGIAKTYRDEHTYPYMYLAGYHCRNRNVR
EALQAWADTATVIQDYNCREDEEIIYKEFFEVDNDVIPNLLKEAASLLEAGEERPGEQSQ
GTQSQGSALQDPECFAHLLRFYDGICKWEEGSPTPVLHVGWATFLVQSLGRFEGQVRQKV
RIVSREAEAAEAEEFPWGEAEAREGRRRGPRRESKPEEPPPPKKPALDKGLGTGQGAVSGPP
RKPPGTVAGTARGPEGGSTAQVPAPTASPPPEGPVLTFAQSEKMKGMKELLVATKINSSAI
KLQLTAQSQVQMKKQKVSTPSDYTLSFLKRQRKGL

FIG. 4

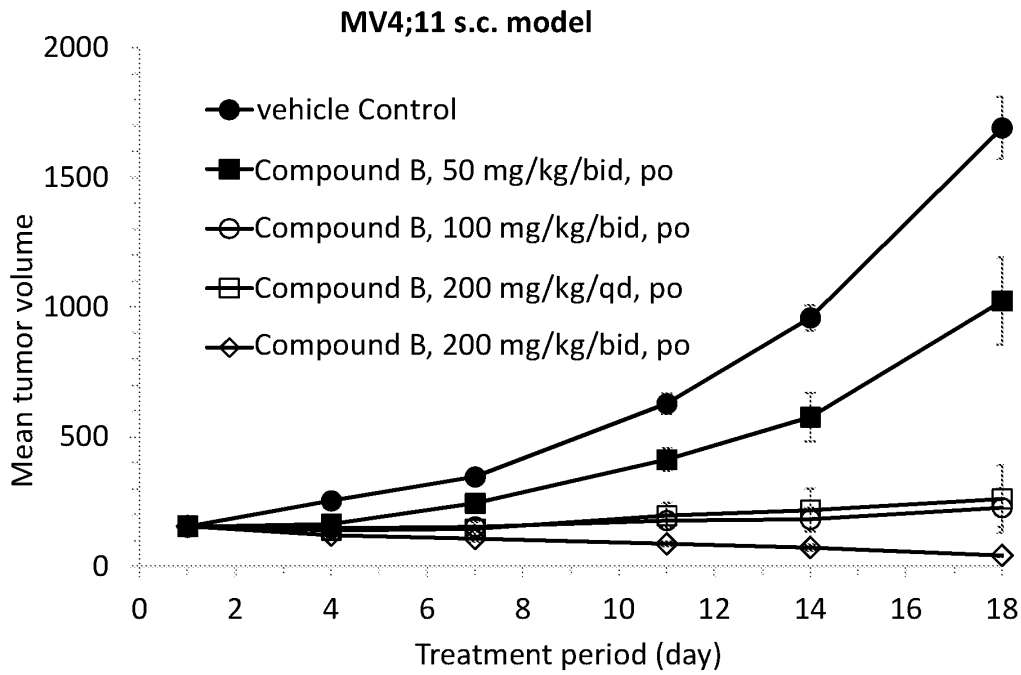
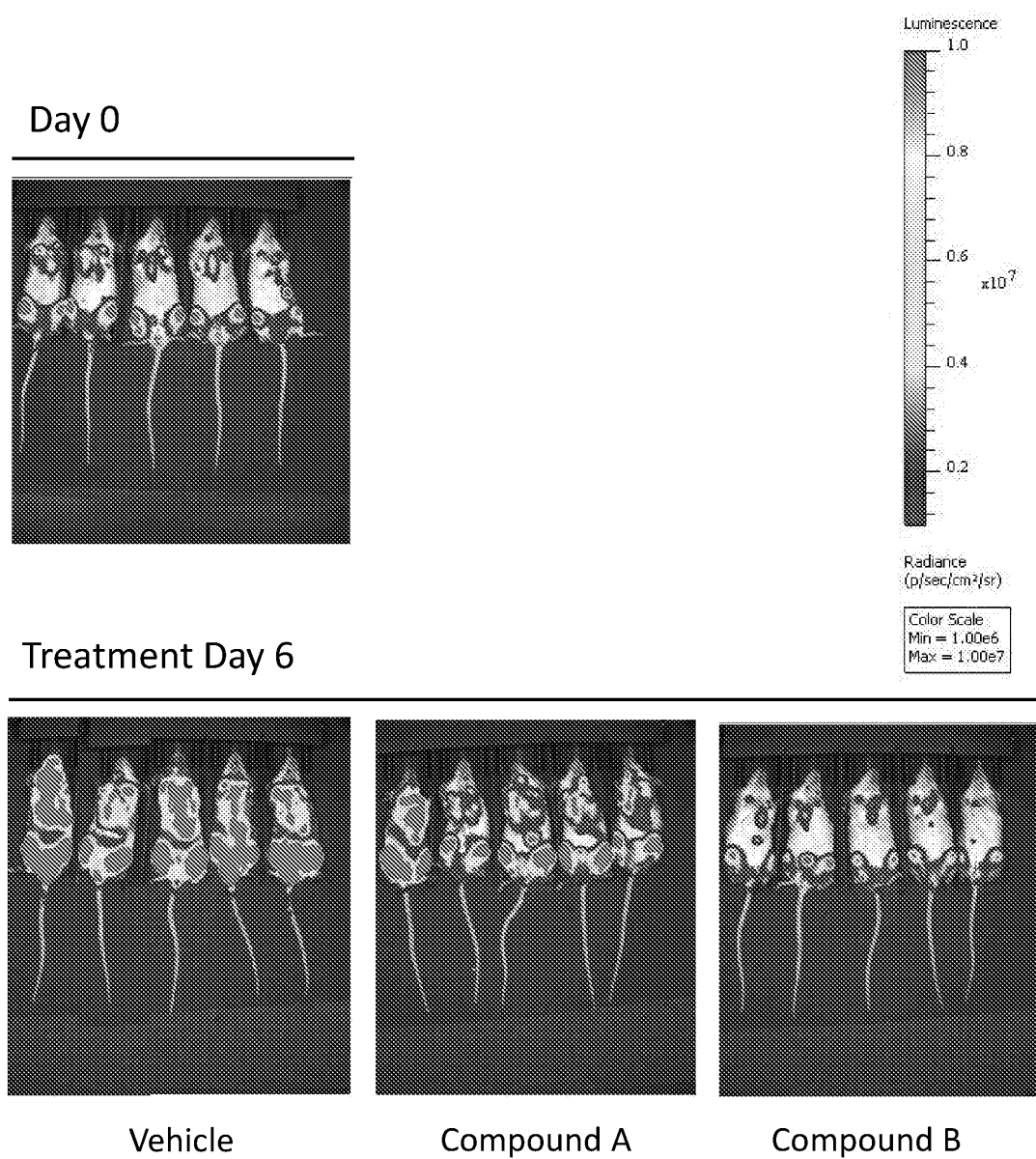
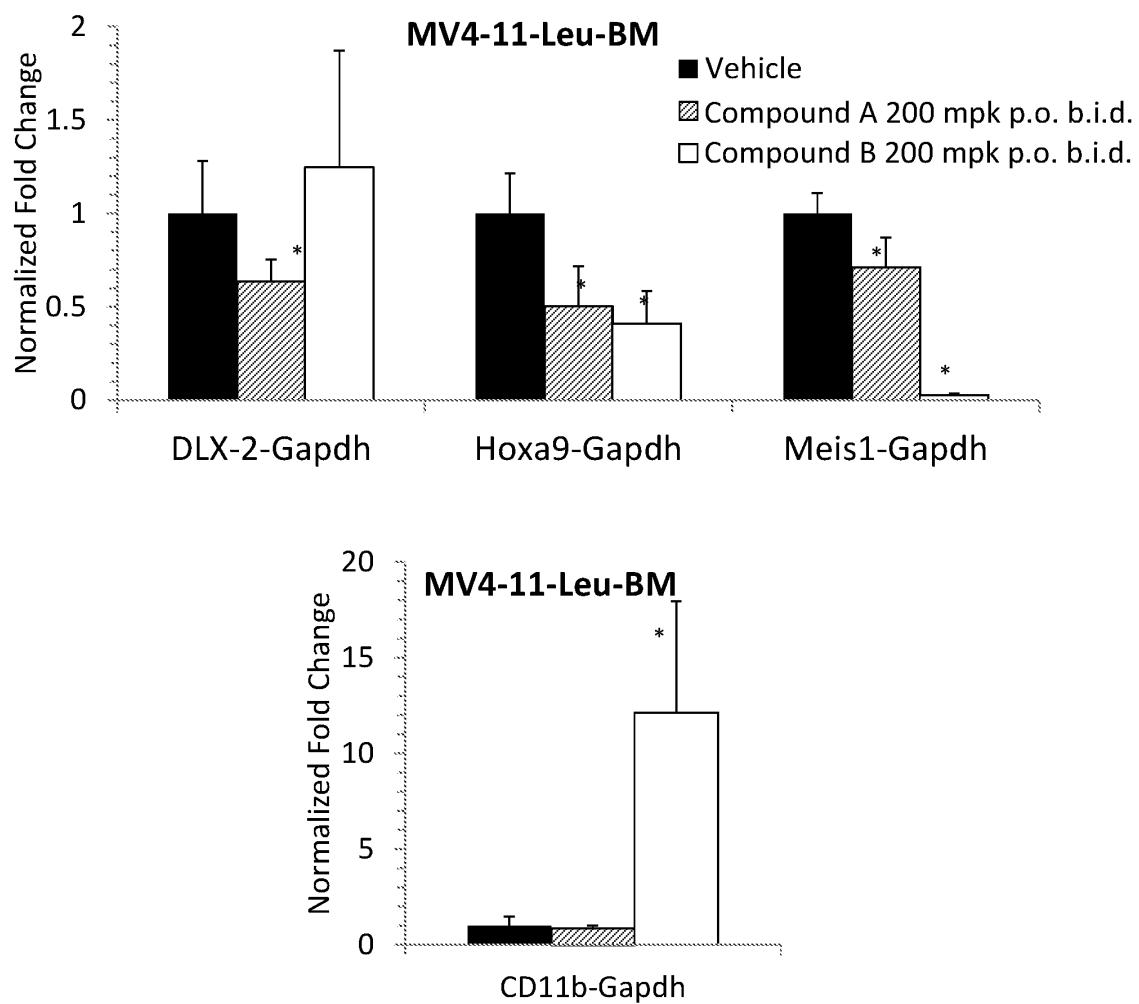


FIG. 5



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FIG. 6



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FIG. 7

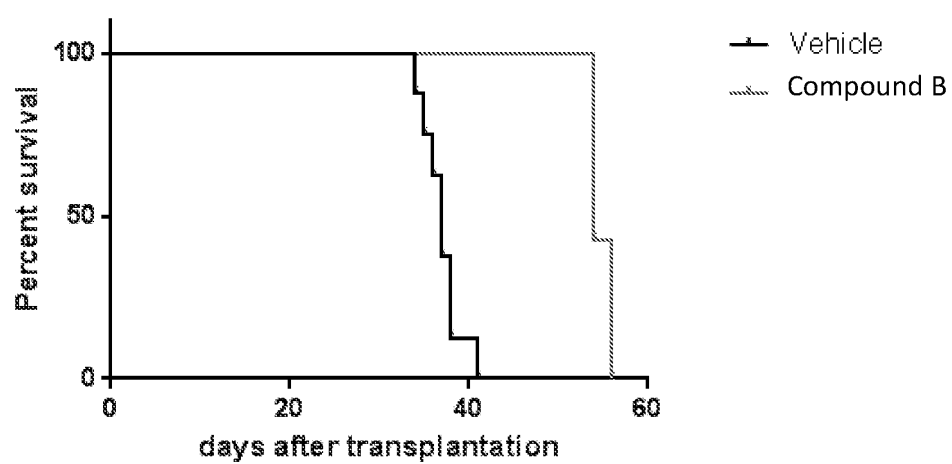
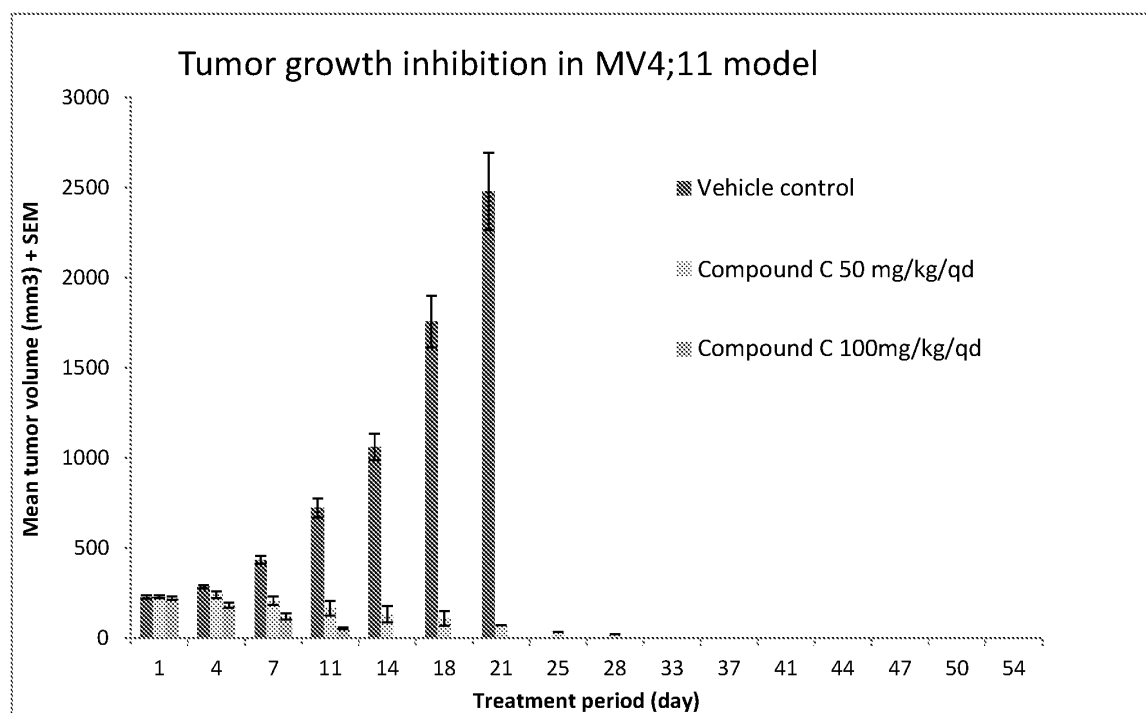
Survival proportions: Survival curve of MV4-11 luc: Compound B

FIG. 8



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FIG. 9

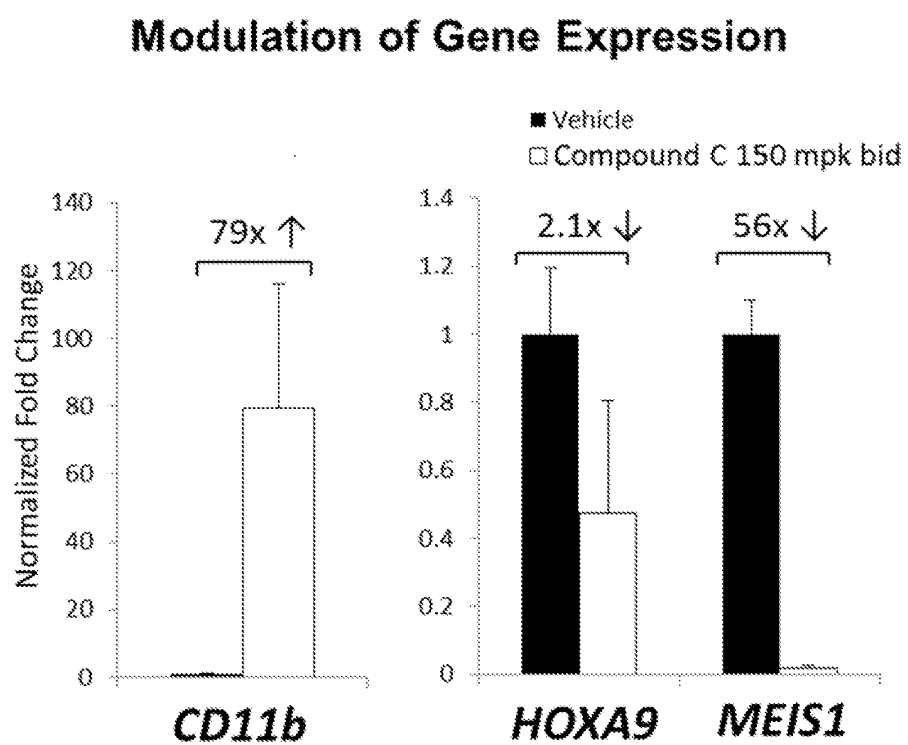
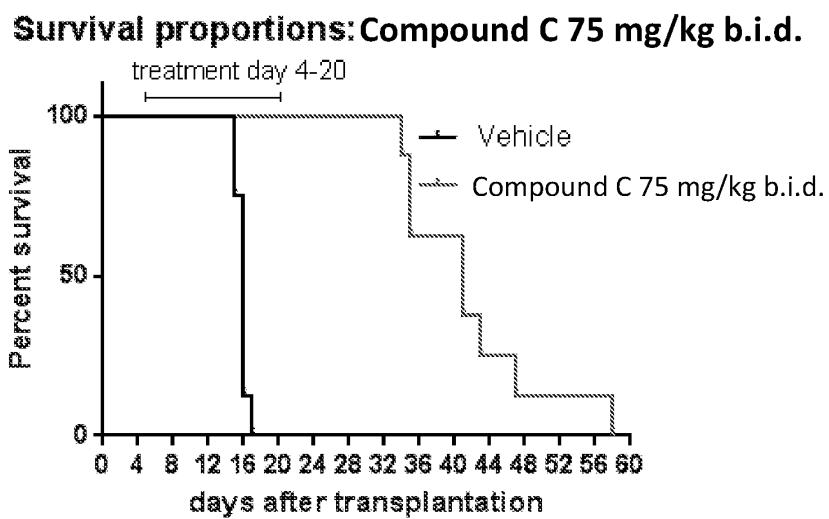


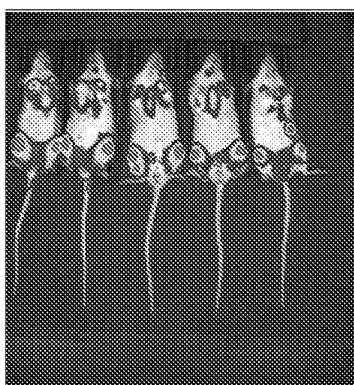
FIG. 10

Survival curves in MOLM13

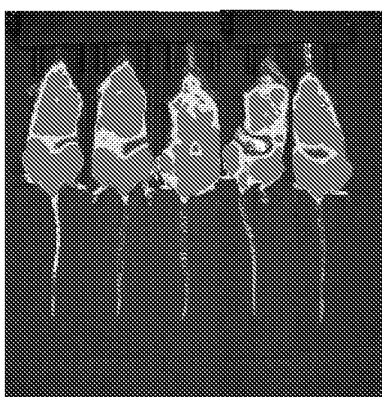
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FIG. 11

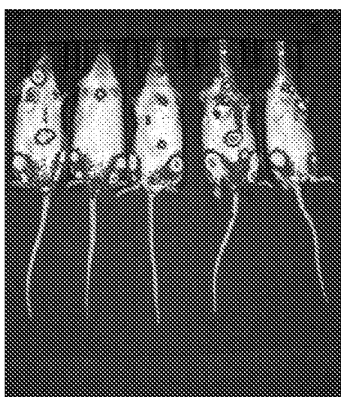
Day 0



Treatment Day 6



Vehicle



Compound D

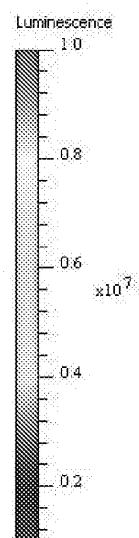
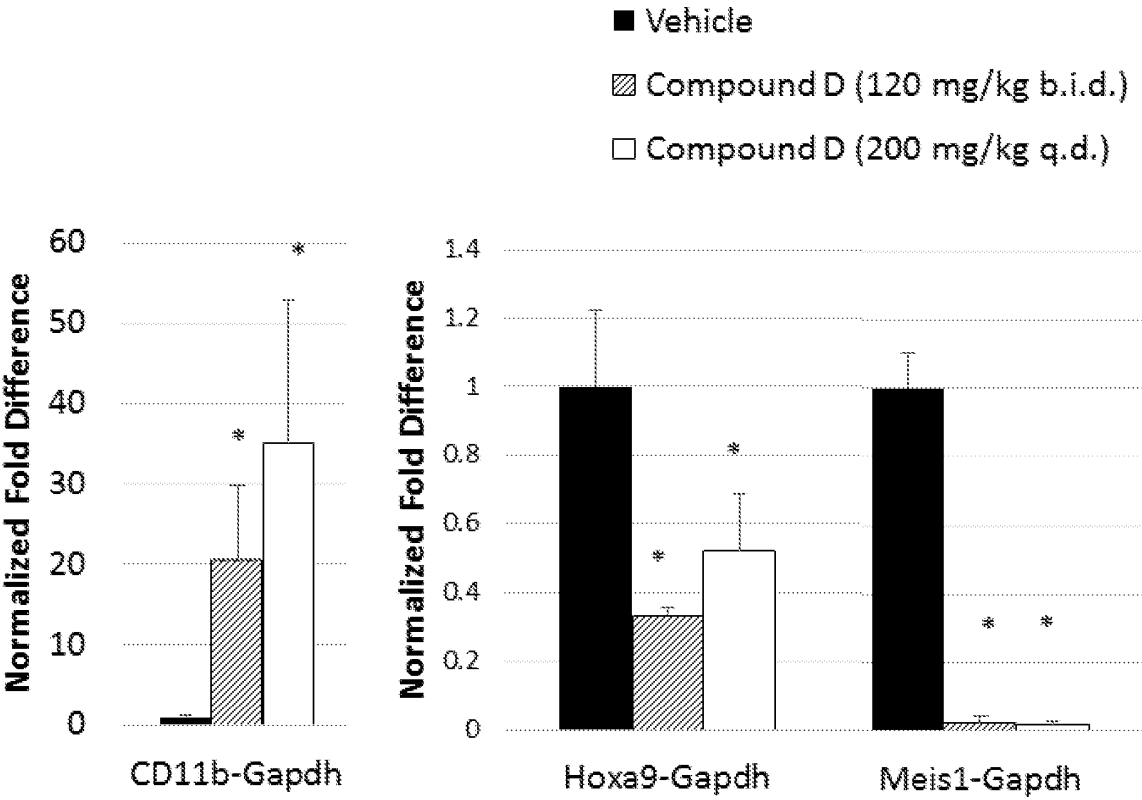
Radiance
(p/sec/cm²/sr)Color Scale
Min = 1.00e6
Max = 1.00e7

FIG. 12



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FIG. 13

Survival proportions: Survival curve of MOLM13: Compound D