

FIG. 1

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

MGLKAAQKTLFPLRSIDDVVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNVPE
LTFQPSPAPDPPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRELVKK
VSDVIWNSLSRSYFKDRAHIQSLFSFITGWSPVGTKLDSSGVAFVVGACQALGLRDVHL
ALSEDHAWVVFPGNQEQTAEVTWHGKGNEARRGQTVNAGVAERSWLYLKGSYMRCDRKME
VAFMVCAINPSIDLHTDSLELLQLQQKLLWLLYDLGHLERYPMALGNLADLEELEPTPGR
PDPLTLYHKGIAKTYRDEHIYPYMYLAGYHCRNRNVREALQAWADTATVIQDYNCR
EDEEIIYKEFFEYANDVIPNLLKEAASLLEAGEERPGEQSQGTQSQGSALQDPECFAHLLR
FYDGICKWEEGSPTPVLHVGVWATFLVQSLGRFEGQVRQKVRIVSREAEAAEAEPWGEEA
REGRRRGPRRESKPEEPPPPKPKALDKGLGTGQGA VSGPPRKPPGT VAGTARGPEGGSTA
QVPAPTASPPPEGPVLTFFQSEKMKGMKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTP
SDYTLSFLKRQRKGL

FIG. 2

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

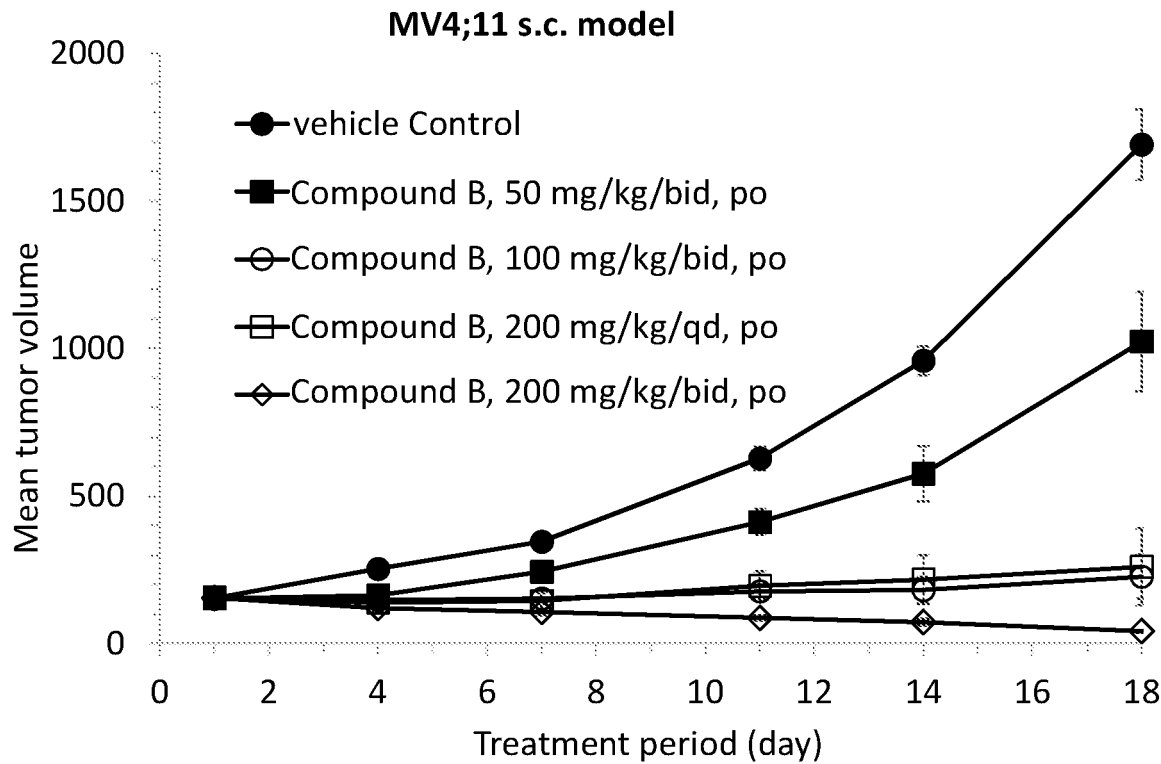
MGLKAAQKTLFPLRSIDDVVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNVPE
LTFQPSPAPDPPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRELVKK
VSDVIWNSLSRSYFKDRAHIQSLFSFITGTKLDSSGVAFAVVGACQALGLRDVHLALSED
HAWVVFPGNGEQTA EVTWHGKGNEDRRGQTVNAGVAERSWLYLKGSYMRCDRKMEVAFMV
CAINPSIDLHTDSLELLQLQQKLLWLLYDLGHLERYPMALGNLADLEELEPTPGRPDPLT
LYHKGIAAKTYRDEHIYPMYLAGYHCRNRNVREALQAWADTATVIQDYNCREDEEI
YKEFFEVDNDVIPNLLKEAASLLEAGEERPGEQSQGTQSQGSALQDPECFAHLLRFYDGI
CKWEEGSPTPVLHVGWATFLVQSLGRFEGQVRQKVRIVSREAEAAEAEPWGEEAREGR
RGPRRESKPEEPPPPKKPALDKGLGTGQGA VSGPPRKPPGT VAGTARGPEGGSTAQVPAP
TASPPPEGPVLT FQSEKMKG MKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTPSDYTL
SFLKRQRKGL

FIG. 3

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

MGLKAAQKTLFPLRSIDDVVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNVPE
LTFQPSPAPDPPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRELVKK
VSDVIWNSLSRSYFKDRAHIQSLFSFITGTKLDSSGVAFAVVGACQALGLRDVHLALSED
HAWSWLYLKGSYMRCDRKMEVAFMVCAINPSIDLHTDSLELLQLQKLLWLLYDLGHLER
YPMALGNLADLEELEPTPGRPDPLTLYHKGIAAKTYRDEHIYPMYLAGYHCRNRNVR
EALQAWADTATVIQDYNCREDEEIIYKEFFEVDNDVIPNLLKEAASLLEAGEERPGEQSQ
GTQSQGSALQDPECFAHLLRFYDGICKWEEGSPTPVLHVGWATFLVQSLGRFEGQVRQKV
RIVSREAEAAEAEPWGEEAREGRRRGPRRESKPEEPPPPKKPALDKGLGTGQGAVSGPP
RKPPGTVAGTARGPEGGSTAQVPAPTASPPPEGPVLTFTQSEKMKGMKELLVATKINSSAI
KLQLTAQSQVQMKKQKVSTPSDYTLSFLKRQRKGL

FIG. 4



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FIG. 5

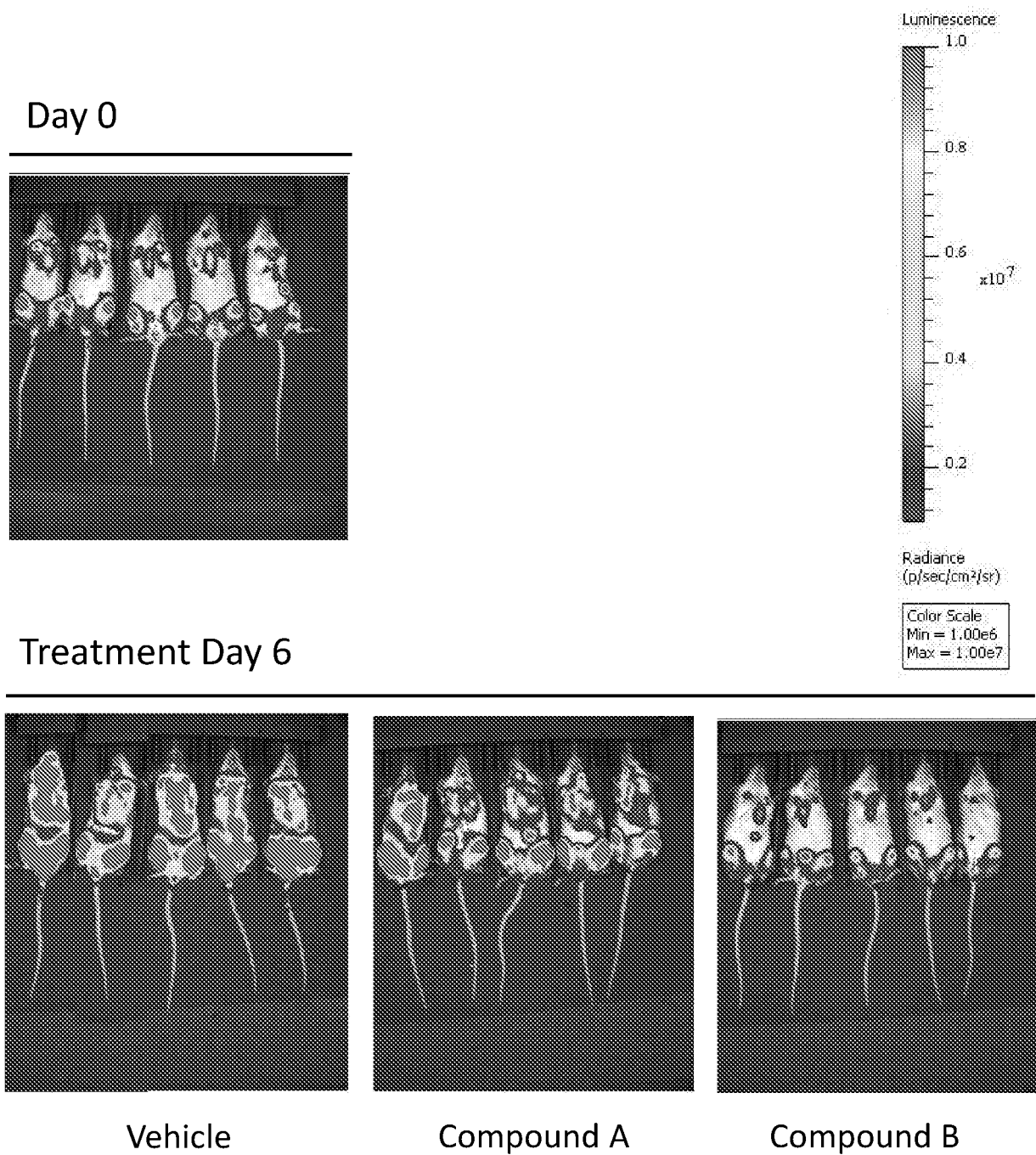
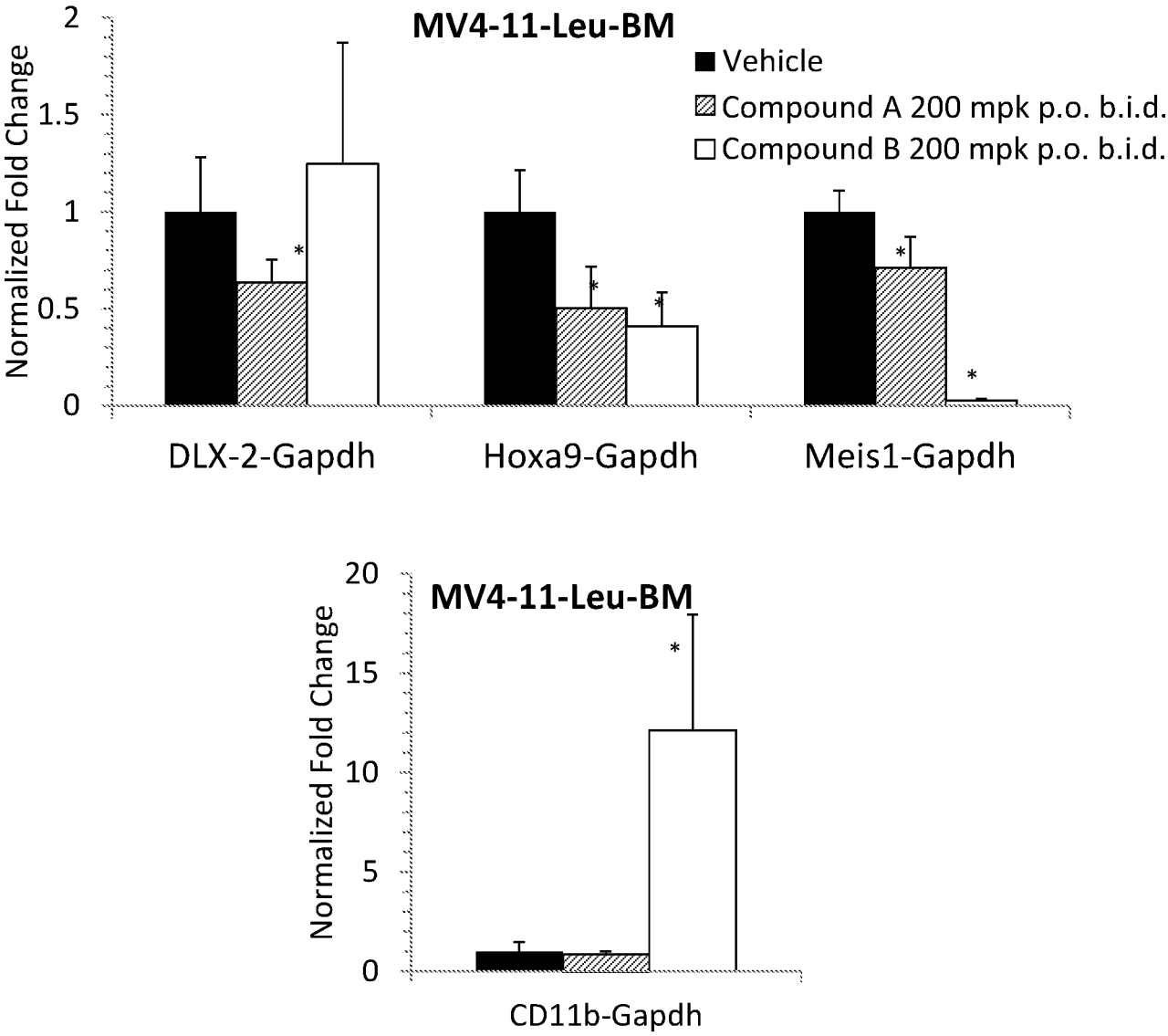


FIG. 6



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FIG. 7

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

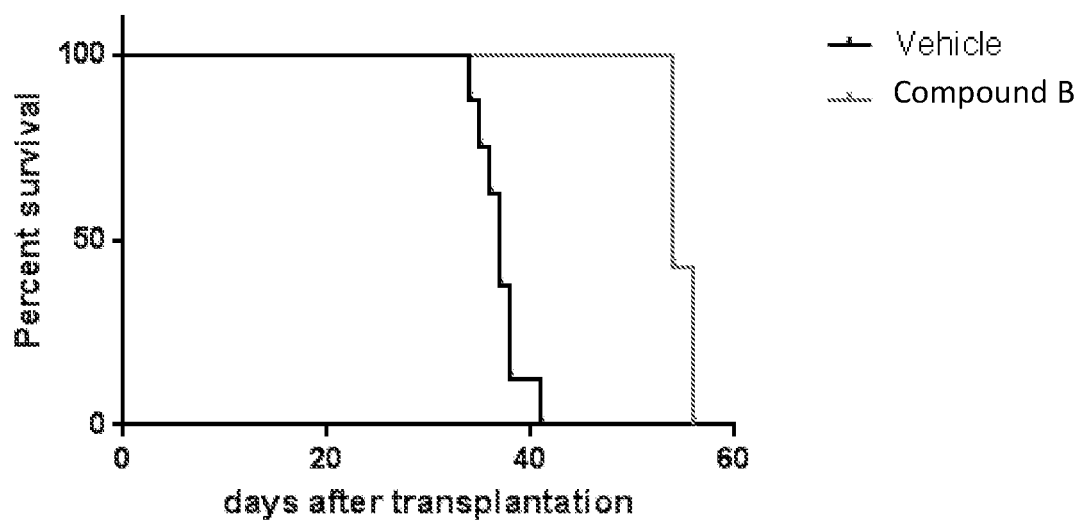
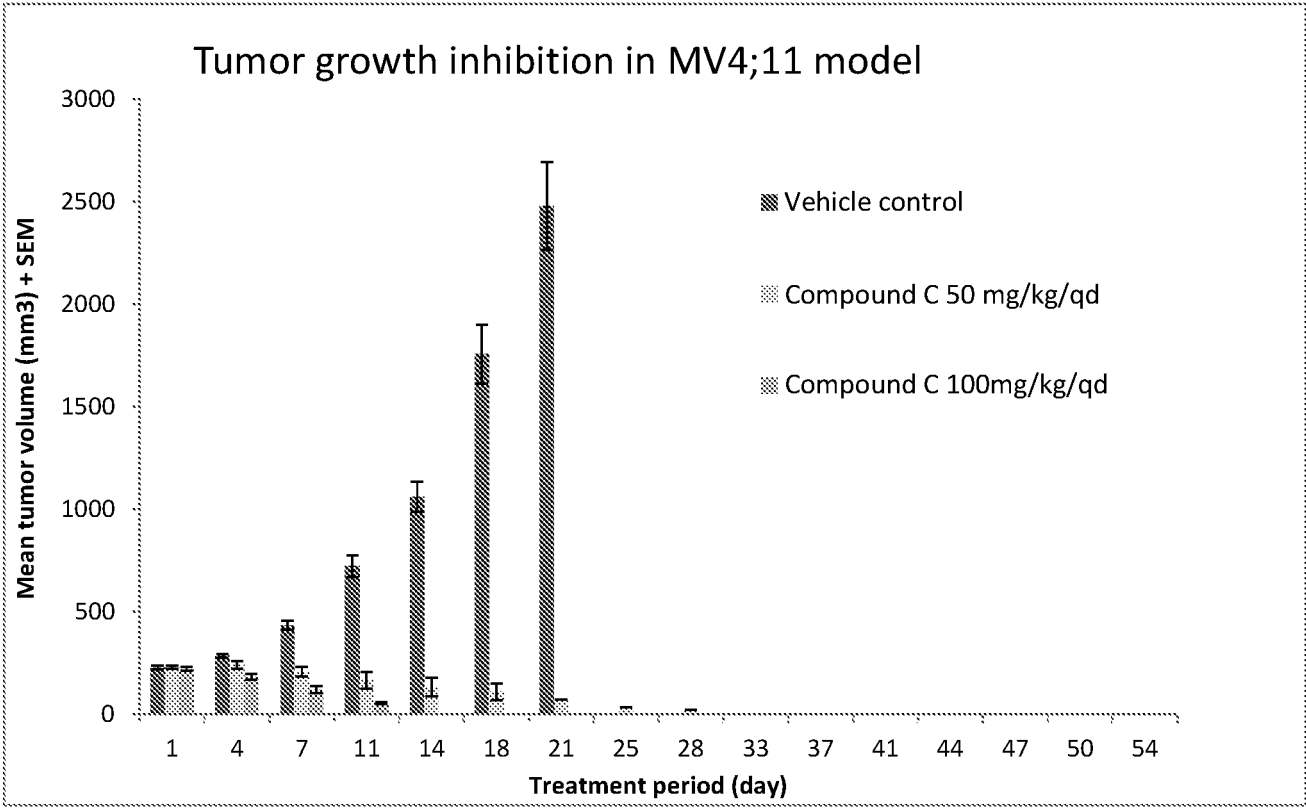
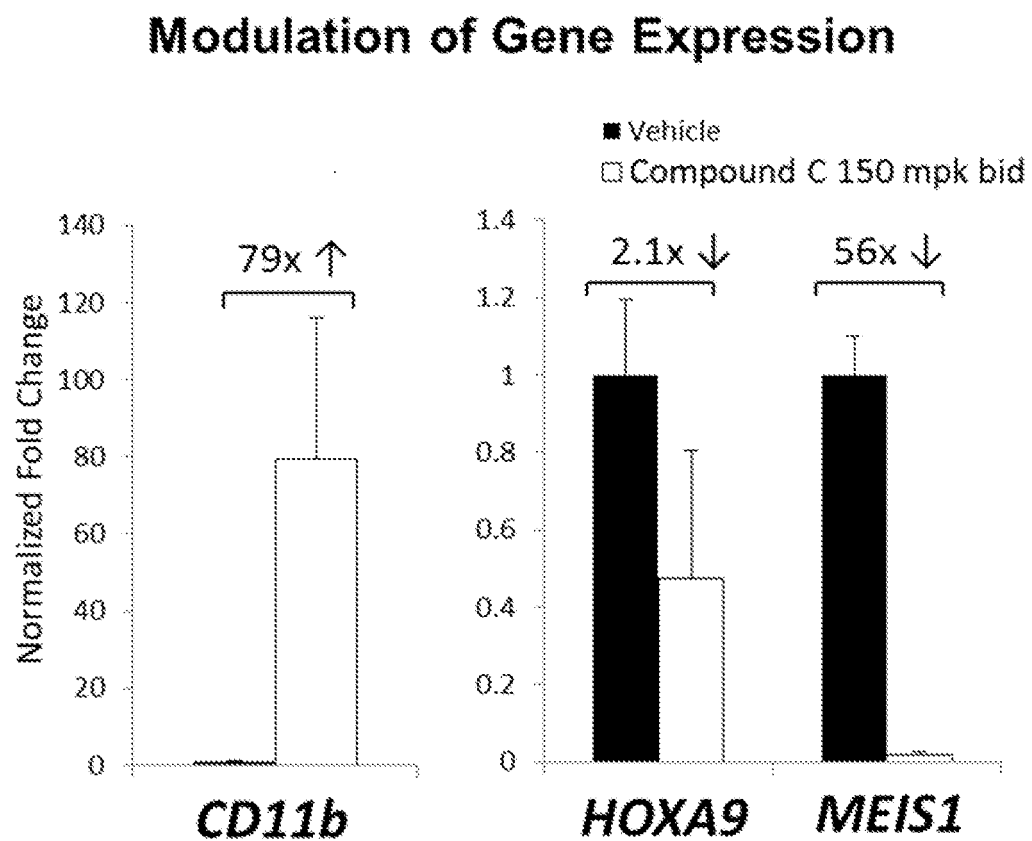


FIG. 8



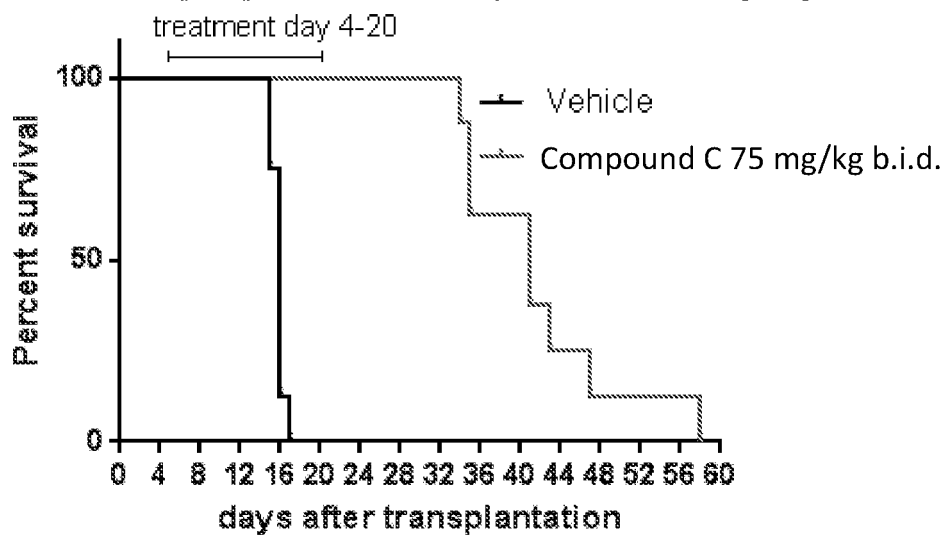
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FIG. 9



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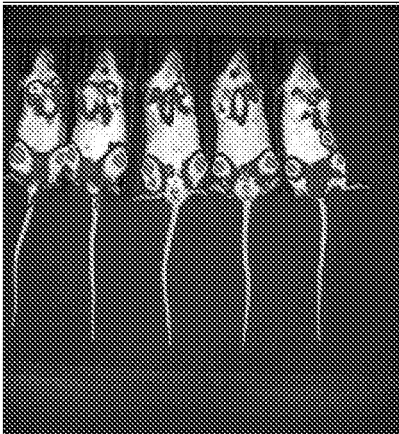
FIG. 10

Survival curves in MOLM13**Survival proportions: Compound C 75 mg/kg b.i.d.**

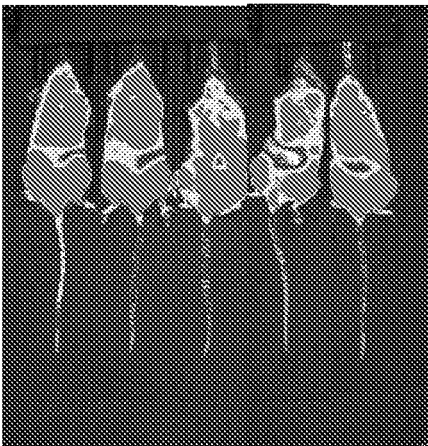
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FIG. 11

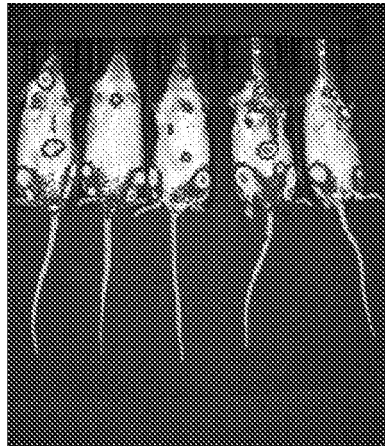
Day 0



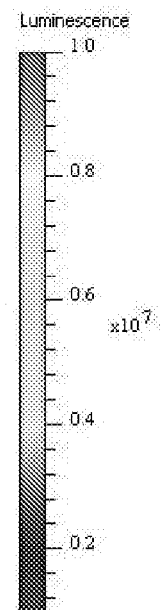
Treatment Day 6



Vehicle

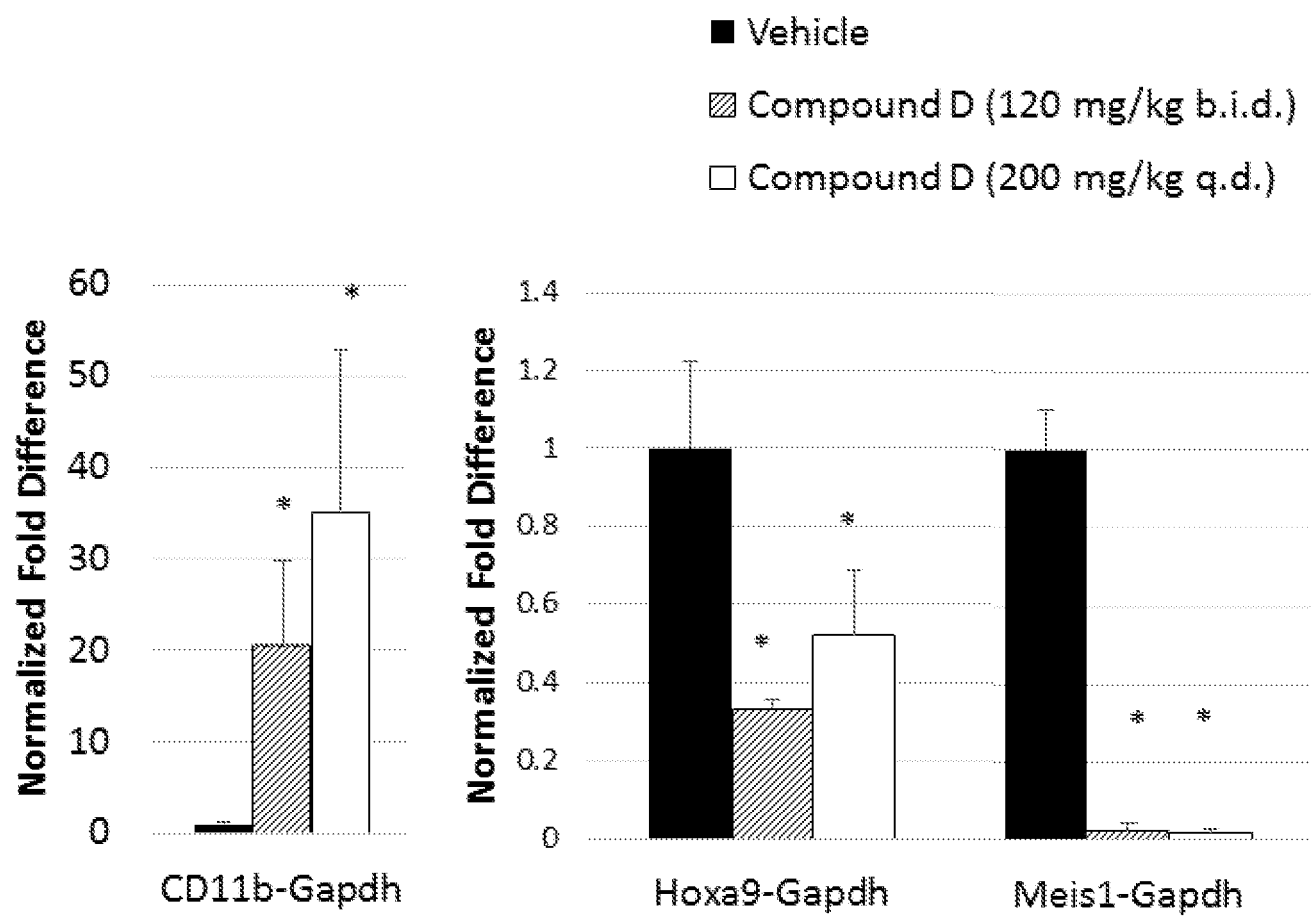


Compound D

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