

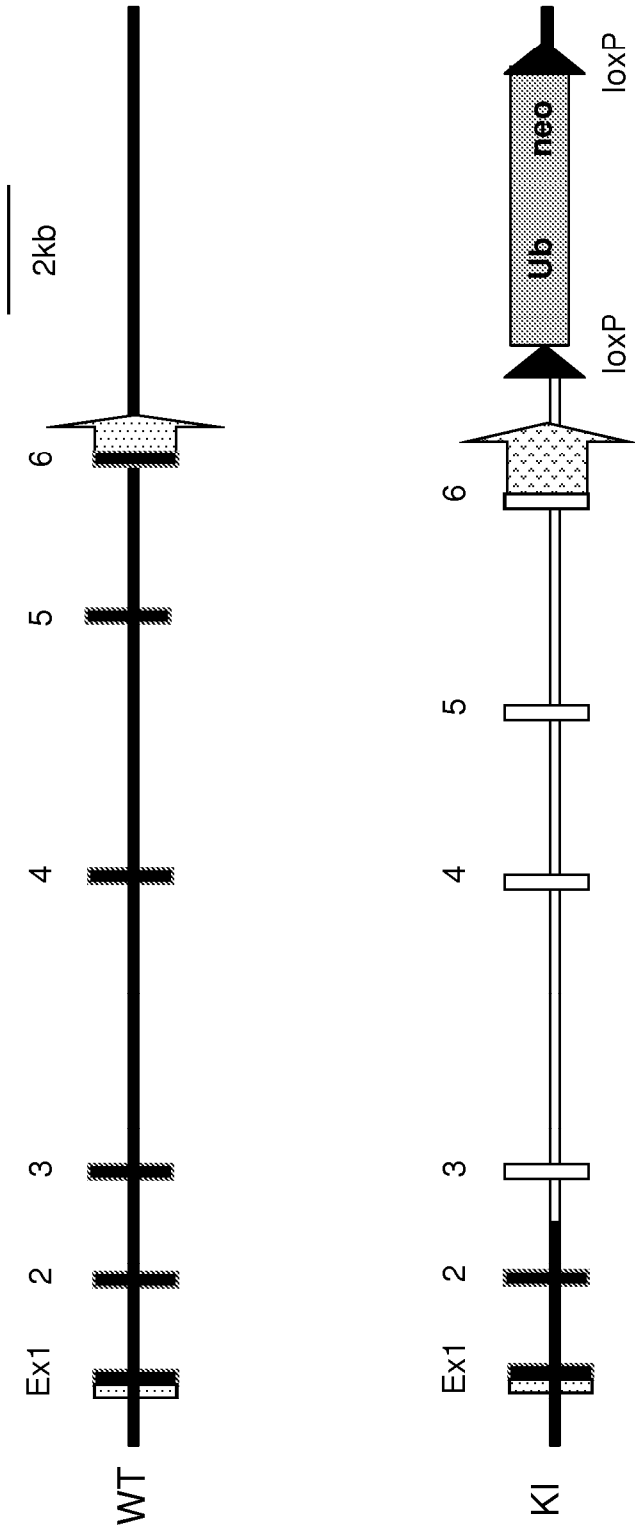


FIG. 1

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... .ATCCATTTAGCCCTTCTCTGATCAGTAAAGTTGGACAGTTGGACA
GTCTTCCCTCAAAATTAGCTTAGACTATCAAAATTATACTGTATTTTGG
GTATTTCCAGcgatcgcTTTCAGTTACAAGGCTGTTGAATGCACAGAA
GCAAGGATAACACTGATTTTTCAGTGGTCAGAAATAAAATTATTGA
TTGCTCTTTTGCTTATAGTATTC..... (SEQ ID NO:1)

FIG. 2

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..... AATGTAAACAGAAATCTGGATGCAAAAGAAATGTGAGGAACTGGAGGAAAAAATATTAAAGAAATTTTTCAG
 AGTTTTGTACATATTGTC AAAATGTTCAACAACACTTCTTGATTGCAATTGATCTCTTTTAAAGTGTTCGTATATA
CAAACATCACTCTGCTTAGACATAACAAACACTCGGCAATTCAAAATGTGCTGTCAAAACAAAGTTTTTCTGTCAAG
AAAGATGATCAGACCTTGGATCAGATGAACCTCTTAGAAATGAAGCAGAAAAATGTCATTGAGTAATATAGTGACTATGA
 ACTTCTCTCAGACTTACTTTACTCATTTTTTTTAAATTTATTTAATTTGAAATTTGTACATATTTGTGGAATAATGTAAAAATGTT
GAATAAAAAATATGTACAAAGTGTGTTTTTAAAGTTGCACGTGATATTTTACCTCTTATTGCAAAAATAGCATTTGTTTAAAG
GGTGATAGTCAAAATTATGTATTGGTGGGCTGGGTACCAATGCTGCAGGTCAACAGCTATGCTGGTAGGCTCCTGCCAG
TGTGGAAACCACCTACTGGCTCTCATTTGACTTCTTACTAAGCATAGCAACAGAGGAAGAAATTTGTTATCAGTAAG
AAAAAGAGAAACTATATGTGAATCCTCTTCTTTTATACTGTAAATTTAGTTATTGATGTATAAGCAACTGTTATGAATA
 AAGAAATTGCAATAACTGGCATATAATGTCCATCAGTAAATCTTGGTGGTGGGCAATAATAAACTTCTACTGATAGG
 TAGAATGGTGTGCAAGCTTGTC CAATCACGGATTGCAGGCCACATGCGGCCAGGACAACTTTGAATGTGCCCCAACAC
 AAATTCATAAACTTTCAATACATCTCGTTTTTGTAGCTCATCAGCTATCATTAGCGGTAGTGATTTTAAAGTGTGCCCCAAG
 ACAATCTTCTTATTCCAAATGTGGCCAGGGAAATCAAAAGATTGGATGCCCTGTGTATAGAAAACTAATAGTGACAGT
 GTTCATATTTCAATGCTTTCCCAAAATACAGGTATTTTATTTCACATCTCTTTTGCCATGTTTATATAATAATAAGAAA
 AACCTGTTGATTTGTTGGAGCCATTGTTATCTGACAGAAAAATAATTGTTTATATTTTGGCACTACACTGTCTAAAAT
 TAGCAAGCTCTCTTCTAAATGGAACCTGAAGAAAGATGAAATAATTTTGTGTTTATATAAAATTTTATTTTACCTTAATCT
 GGTAATACTCACTGAGTACTGTGGGTGGGAAATGATCTCTTAAAGAAATTTGATTTCTTTCTATTCCTATAGTACAAACT
 CGTCTCTGTGTGAAACATCTCTATCACCCAGTGCCCTATCCATGTACATGTGTTCTTATTGCTCTAGTCAAAACGGT
 GCTTATAAAATATCTTTCAGAAAGTTTAGGAGAAATCTGTATCCTATTTGACTTCCAAATAATCATGTATTGGCTGTCAGC
 TTCTTACCTACTCTCAGTCCAGAGAAATAGTATTTGGCAGCCACTCTTTAAAGTTTATGGGTTGTGGATTGTGGCGGTT
 GATTTATTTTTTTTATTTCAATTGGGATAGAAATTTTAAATATACCTGTATTTTTTGTGTTTATGTAGCTTTTCTA
 TTAGGGAGAGTAGGAAAAGTGACCAATTTTCTCTAAATTTCCAGTCCAGTCTTTAGGGGAATGTTAGTCTTCTCTGA
 GATGGGGAGAGGAAAAATCATAATGCCAGTCACCTTGC AAAATAATATTTATAGTGATAAAATGGTTCATTTTGGTTACAT
 AGGCATACAAAGTGGGCTTAAACTTTGGAATTTACCAAGGCTCAAAATTAATAATCTTACATTAGTTACTCGATATGGAT
 CGCTTCAGTTGATCTTAGAAAACTCAAGGCATAGATCTGCAACctcgagATAACTTCGTATAATATGATGCTATACGAAG
 TTATATGCATGGCCTCCGCGCGGGTTTTTGGCGCCTCCCGGGGGCCCCCTCCTCACGGCGA (SEQ ID
 NO : 2) 2 . 6Kb

FIG. 3

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2.6kb...CATTCTCAGTATTGTTTGGCCAAGTTCTAATTCCATCAGACC
TCGACCTGCAGCCCCTAGATAACTTCGTAATAATGTATGCTATACGAAGT
TATgctagcGTGATAGTCCTTCACGGAAAGTACAAGAATACACAGAAAA
CTGCTGTTACATTAGTCCTTTCACGTTTTTATTATTCTCACAAATTT
TAATGCAATAC... (SEQ ID NO: 3)

FIG. 4

mil15_precursor 1 MKILKPYMRNTSISCYLCFLNLSHFLTEAG 30
Regn_Hybrid_m/h 1 MKILKPYMRNTSISCYLCFLNLSHFLTEAG 30
hil15 isoform 1 1 MRISKPHLRSISIQCYLCGLLNLSHFLTEAG 30

mil15_precursor 31 IHVFILGCVSVGLPKTEANWIDVRYDLEKI 60
Regn_Hybrid_m/h 31 IHVFILGCFSAAGLPKTEANWVNVISDLKKI 60
hil15 isoform 1 31 IHVFILGCFSAAGLPKTEANWVNVISDLKKI 60

mil15_precursor 61 ESLIQSIHIDTTLTYDSDVHPSCKVTAMNC 90
Regn_Hybrid_m/h 61 EDLIQSMHIDATLYTESDVHPSCKVTAMKC 90
hil15 isoform 1 61 EDLIQSMHIDATLYTESDVHPSCKVTAMKC 90

mil15_precursor 91 FLELEQVILHEYSNMTLNETVRNVLYLANS 120
Regn_Hybrid_m/h 91 FLELEQVISLESBGDASIHDTVENLIILANN 120
hil15 isoform 1 91 FLELEQVISLESBGDASIHDTVENLIILANN 120

mil15_precursor 121 TLSSNKNVAESGCKECEELEKTFTEFLQS 150
Regn_Hybrid_m/h 121 SLSSNGNVTESGCKECEELEKNIKEFLQS 150
hil15 isoform 1 121 SLSSNGNVTESGCKECEELEKNIKEFLQS 150

mil15_precursor 151 FIRIVQMFINTS 162 (SEQ ID NO:4)
Regn_Hybrid_m/h 151 FVHIVQMFINTS 162 (SEQ ID NO:5)
hil15 isoform 1 151 FVHIVQMFINTS 162 (SEQ ID NO:6)

FIG. 5

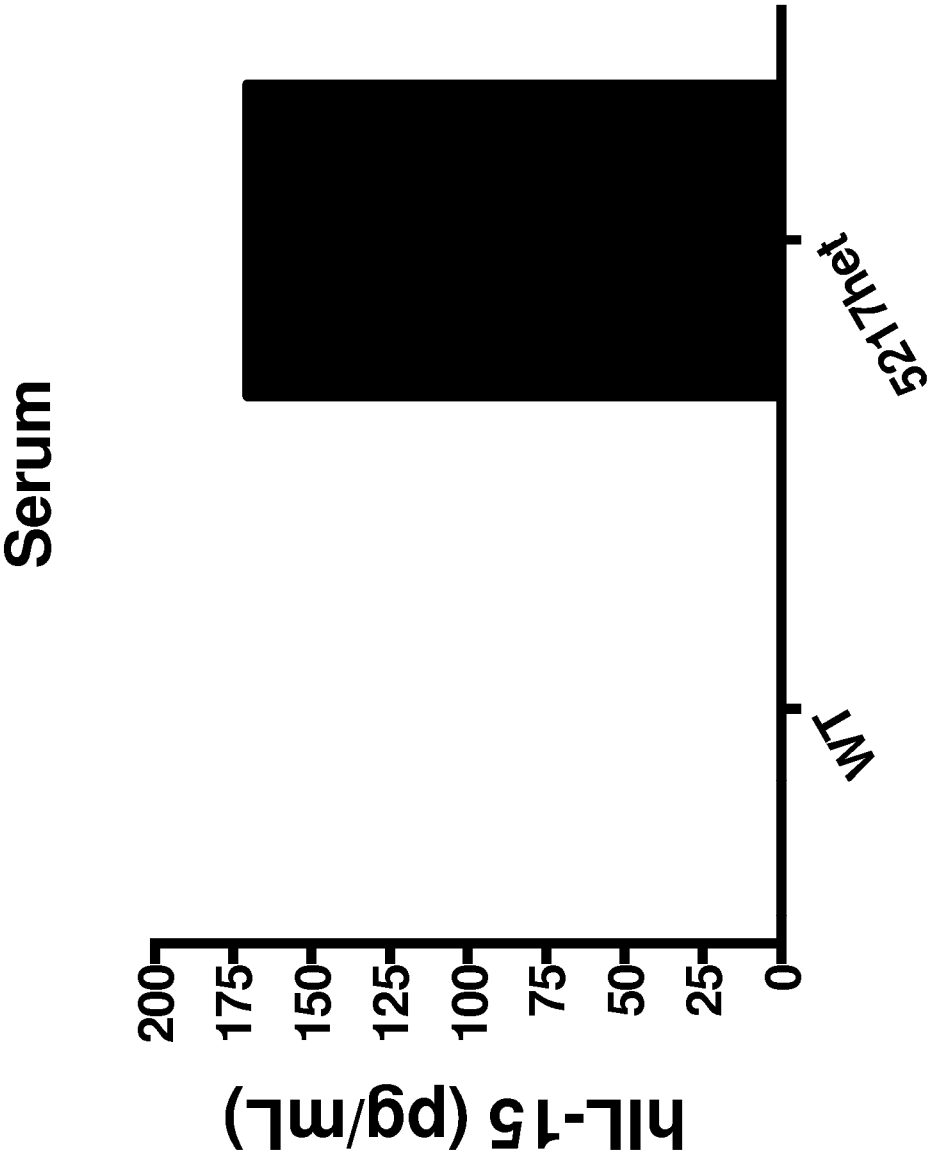


FIG. 6

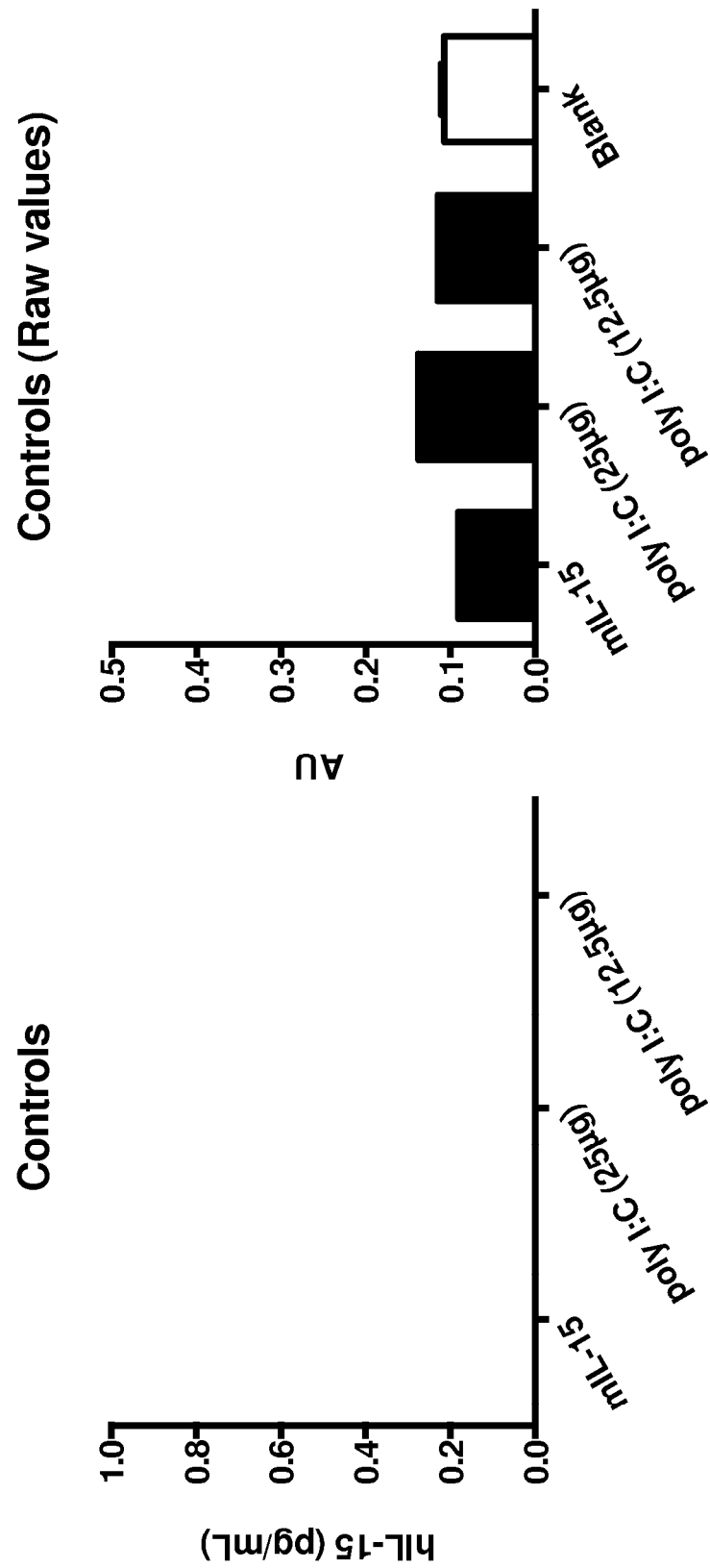


FIG. 7

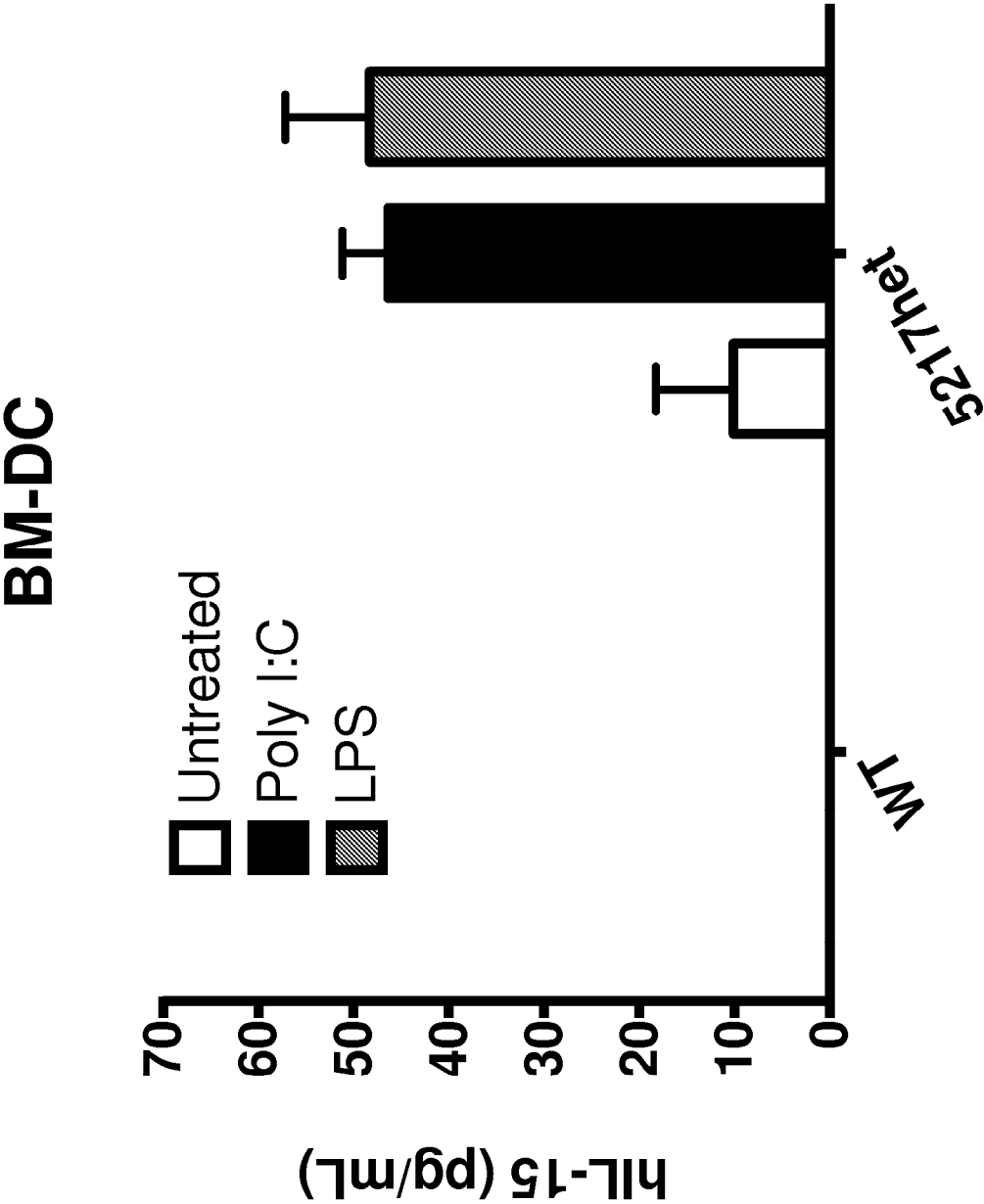


FIG. 8

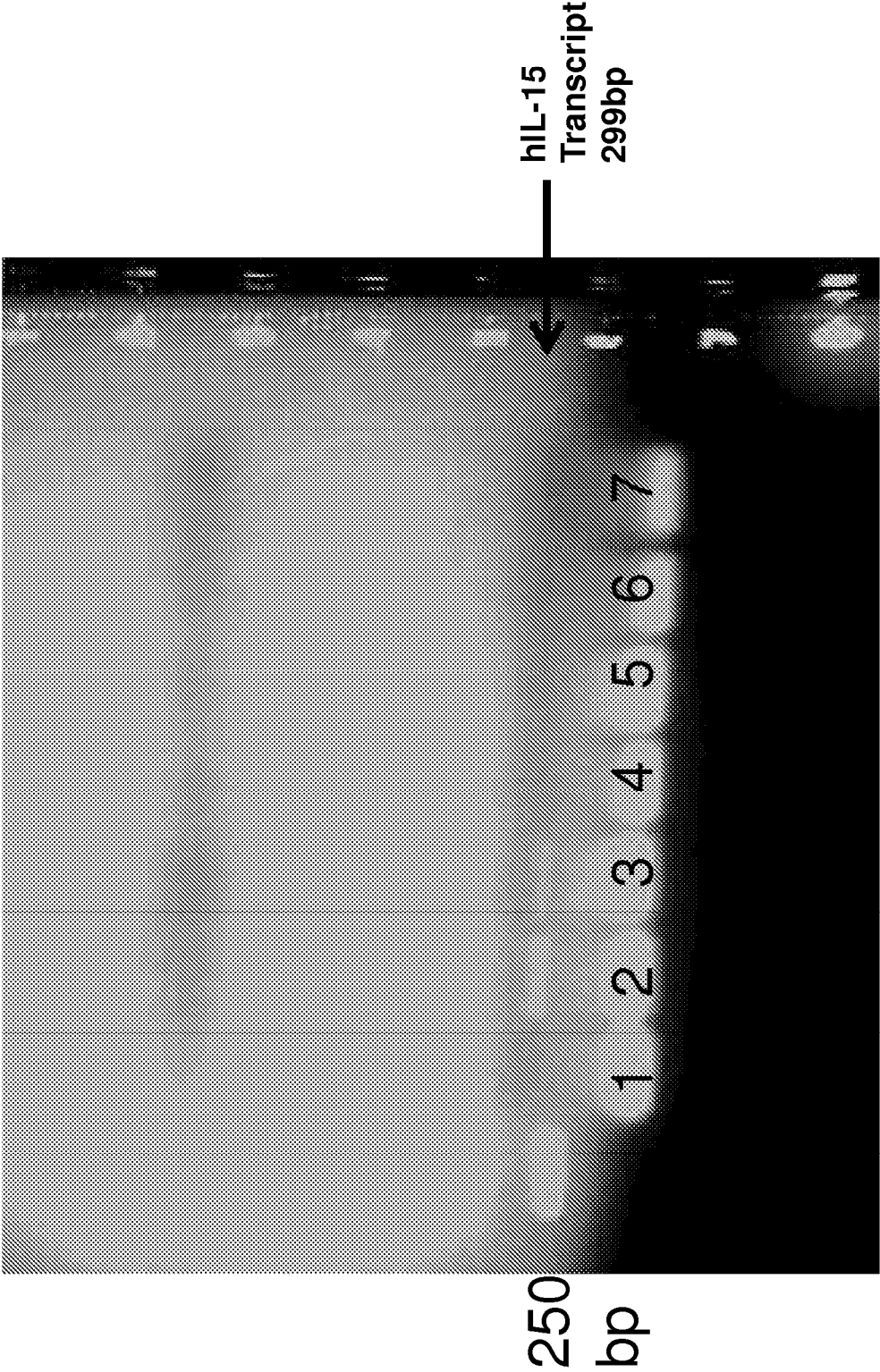
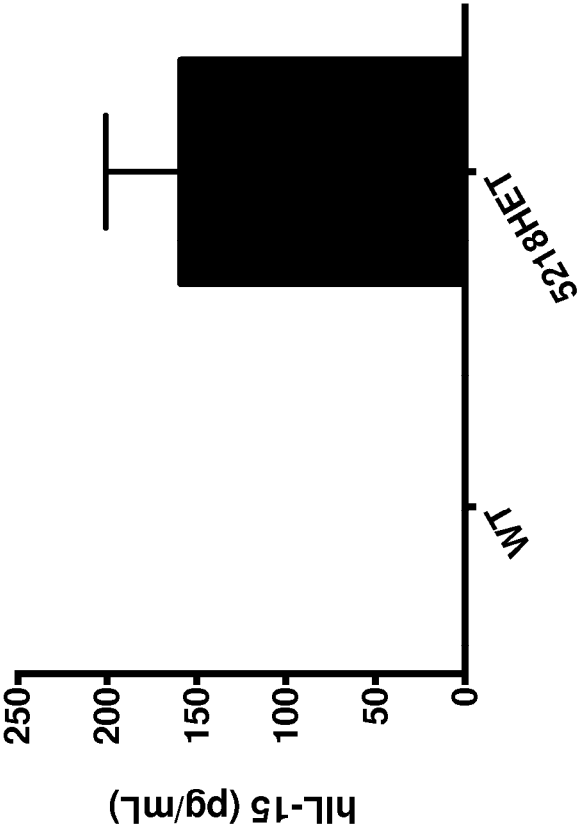


FIG. 9

MAID 5218



MAID 5217

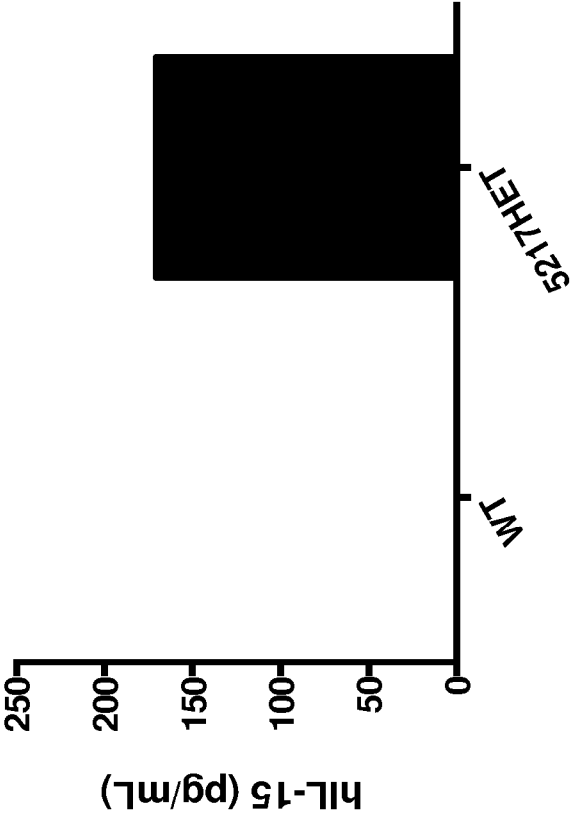


FIG. 10