

ms20b_donor_centric_PCAWG_Hg19_CtoA_RefSeq17_intron_intergenic_sig@perlmix-1.0.Nslnashon
cmean.16637923valid1000100010037963
22chr_cdr1_cdr2_cdr3_cdr4_cdr5_cdr6_cdr7_cdr8_cdr9_cdr10_cdr11_cdr12_cdr13_cdr14_cdr15_cdr16_cdr17_cdr18_cdr19_cdr20_cdr21_cdr22_cdr23_cdr24_cdr25_cdr26_cdr27_cdr28_cdr29_cdr30_cdr31_cdr32_cdr33_cdr34_cdr35_cdr36_cdr37_cdr38_cdr39_cdr40_cdr41_cdr42_cdr43_cdr44_cdr45_cdr46_cdr47_cdr48_cdr49_cdr50_cdr51_cdr52_cdr53_cdr54_cdr55_cdr56_cdr57_cdr58_cdr59_cdr60_cdr61_cdr62_cdr63_cdr64_cdr65_cdr66_cdr67_cdr68_cdr69_cdr70_cdr71_cdr72_cdr73_cdr74_cdr75_cdr76_cdr77_cdr78_cdr79_cdr80_cdr81_cdr82_cdr83_cdr84_cdr85_cdr86_cdr87_cdr88_cdr89_cdr90_cdr91_cdr92_cdr93_cdr94_cdr95_cdr96_cdr97_cdr98_cdr99_cdr100_cdr101_cdr102_cdr103_cdr104_cdr105_cdr106_cdr107_cdr108_cdr109_cdr110_cdr111_cdr112_cdr113_cdr114_cdr115_cdr116_cdr117_cdr118_cdr119_cdr120_cdr121_cdr122_cdr123_cdr124_cdr125_cdr126_cdr127_cdr128_cdr129_cdr130_cdr131_cdr132_cdr133_cdr134_cdr135_cdr136_cdr137_cdr138_cdr139_cdr140_cdr141_cdr142_cdr143_cdr144_cdr145_cdr146_cdr147_cdr148_cdr149_cdr150_cdr151_cdr152_cdr153_cdr154_cdr155_cdr156_cdr157_cdr158_cdr159_cdr160_cdr161_cdr162_cdr163_cdr164_cdr165_cdr166_cdr167_cdr168_cdr169_cdr170_cdr171_cdr172_cdr173_cdr174_cdr175_cdr176_cdr177_cdr178_cdr179_cdr180_cdr181_cdr182_cdr183_cdr184_cdr185_cdr186_cdr187_cdr188_cdr189_cdr190_cdr191_cdr192_cdr193_cdr194_cdr195_cdr196_cdr197_cdr198_cdr199_cdr200_cdr201_cdr202_cdr203_cdr204_cdr205_cdr206_cdr207_cdr208_cdr209_cdr210_cdr211_cdr212_cdr213_cdr214_cdr215_cdr216_cdr217_cdr218_cdr219_cdr220_cdr221_cdr222_cdr223_cdr224_cdr225_cdr226_cdr227_cdr228_cdr229_cdr230_cdr231_cdr232_cdr233_cdr234_cdr235_cdr236_cdr237_cdr238_cdr239_cdr240_cdr241_cdr242_cdr243_cdr244_cdr245_cdr246_cdr247_cdr248_cdr249_cdr250_cdr251_cdr252_cdr253_cdr254_cdr255_cdr256_cdr257_cdr258_cdr259_cdr260_cdr261_cdr262_cdr263_cdr264_cdr265_cdr266_cdr267_cdr268_cdr269_cdr270_cdr271_cdr272_cdr273_cdr274_cdr275_cdr276_cdr277_cdr278_cdr279_cdr280_cdr281_cdr282_cdr283_cdr284_cdr285_cdr286_cdr287_cdr288_cdr289_cdr290_cdr291_cdr292_cdr293_cdr294_cdr295_cdr296_cdr297_cdr298_cdr299_cdr300_cdr301_cdr302_cdr303_cdr304_cdr305_cdr306_cdr307_cdr308_cdr309_cdr310_cdr311_cdr312_cdr313_cdr314_cdr315_cdr316_cdr317_cdr318_cdr319_cdr320_cdr321_cdr322_cdr323_cdr324_cdr325_cdr326_cdr327_cdr328_cdr329_cdr330_cdr331_cdr332_cdr333_cdr334_cdr335_cdr336_cdr337_cdr338_cdr339_cdr340_cdr341_cdr342_cdr343_cdr344_cdr345_cdr346_cdr347_cdr348_cdr349_cdr350_cdr351_cdr352_cdr353_cdr354_cdr355_cdr356_cdr357_cdr358_cdr359_cdr360_cdr361_cdr362_cdr363_cdr364_cdr365_cdr366_cdr367_cdr368_cdr369_cdr370_cdr371_cdr372_cdr373_cdr374_cdr375_cdr376_cdr377_cdr378_cdr379_cdr380_cdr381_cdr382_cdr383_cdr384_cdr385_cdr386_cdr387_cdr388_cdr389_cdr390_cdr391_cdr392_cdr393_cdr394_cdr395_cdr396_cdr397_cdr398_cdr399_cdr400_cdr401_cdr402_cdr403_cdr404_cdr405_cdr406_cdr407_cdr408_cdr409_cdr410_cdr411_cdr412_cdr413_cdr414_cdr415_cdr416_cdr417_cdr418_cdr419_cdr420_cdr421_cdr422_cdr423_cdr424_cdr425_cdr426_cdr427_cdr428_cdr429_cdr430_cdr431_cdr432_cdr433_cdr434_cdr435_cdr436_cdr437_cdr438_cdr439_cdr440_cdr441_cdr442_cdr443_cdr444_cdr445_cdr446_cdr447_cdr448_cdr449_cdr450_cdr451_cdr452_cdr453_cdr454_cdr455_cdr456_cdr457_cdr458_cdr459_cdr460_cdr461_cdr462_cdr463_cdr464_cdr465_cdr466_cdr467_cdr468_cdr469_cdr470_cdr471_cdr472_cdr473_cdr474_cdr475_cdr476_cdr477_cdr478_cdr479_cdr480_cdr481_cdr482_cdr483_cdr484_cdr485_cdr486_cdr487_cdr488_cdr489_cdr490_cdr491_cdr492_cdr493_cdr494_cdr495_cdr496_cdr497_cdr498_cdr499_cdr500_cdr501_cdr502_cdr503_cdr504_cdr505_cdr506_cdr507_cdr508_cdr509_cdr510_cdr511_cdr512_cdr513_cdr514_cdr515_cdr516_cdr517_cdr518_cdr519_cdr520_cdr521_cdr522_cdr523_cdr524_cdr525_cdr526_cdr527_cdr528_cdr529_cdr530_cdr531_cdr532_cdr533_cdr534_cdr535_cdr536_cdr537_cdr538_cdr539_cdr540_cdr541_cdr542_cdr543_cdr544_cdr545_cdr546_cdr547_cdr548_cdr549_cdr550_cdr551_cdr552_cdr553_cdr554_cdr555_cdr556_cdr557_cdr558_cdr559_cdr560_cdr561_cdr562_cdr563_cdr564_cdr565_cdr566_cdr567_cdr568_cdr569_cdr570_cdr571_cdr572_cdr573_cdr574_cdr575_cdr576_cdr577_cdr578_cdr579_cdr580_cdr581_cdr582_cdr583_cdr584_cdr585_cdr586_cdr587_cdr588_cdr589_cdr590_cdr591_cdr592_cdr593_cdr594_cdr595_cdr596_cdr597_cdr598_cdr599_cdr600_cdr601_cdr602_cdr603_cdr604_cdr605_cdr606_cdr607_cdr608_cdr609_cdr610_cdr611_cdr612_cdr613_cdr614_cdr615_cdr616_cdr617_cdr618_cdr619_cdr620_cdr621_cdr622_cdr623_cdr624_cdr625_cdr626_cdr627_cdr628_cdr629_cdr630_cdr631_cdr632_cdr633_cdr634_cdr635_cdr636_cdr637_cdr638_cdr639_cdr640_cdr641_cdr642_cdr643_cdr644_cdr645_cdr646_cdr647_cdr648_cdr649_cdr650_cdr651_cdr652_cdr653_cdr654_cdr655_cdr656_cdr657_cdr658_cdr659_cdr660_cdr661_cdr662_cdr663_cdr664_cdr665_cdr666_cdr667_cdr668_cdr669_cdr670_cdr671_cdr672_cdr673_cdr674_cdr675_cdr676_cdr677_cdr678_cdr679_cdr680_cdr681_cdr682_cdr683_cdr684_cdr685_cdr686_cdr687_cdr688_cdr689_cdr690_cdr691_cdr692_cdr693_cdr694_cdr695_cdr696_cdr697_cdr698_cdr699_cdr700_cdr701_cdr702_cdr703_cdr704_cdr705_cdr706_cdr707_cdr708_cdr709_cdr710_cdr711_cdr712_cdr713_cdr714_cdr715_cdr716_cdr717_cdr718_cdr719_cdr720_cdr721_cdr722_cdr723_cdr724_cdr725_cdr726_cdr727_cdr728_cdr729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