1100001G20RIK 2	1100001G20RIK 1100001G20RIK	1110002B05RIK -1	1110002B05RIK 1110002B05RIK	1600029D21RIK 0 7 7 9 8 0	1600029D21RIK 1600029D21RIK	2310016C08RIK 	2310016C08RIK 2310016C08RIK
ACSL1 8 6 - 1 0 0	n=18 phenotype ACSL1 ACSL1 BDMC	AK041746 0 0 0 0 0 0 0	n=18 phenotype AK041746 AK041746  BDMC	8 7 7 6 7 6 7 7 7 8 7 7 7 7 7 7 7 7 7 7	n=18 phenotype ALDOC ALDOC BDMC	8 7 7 6 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7	n=18 phenotype AMICA1 AMICA1 BDMC
7 - 6 - 700dV 1 - 0 - 1	n=18 phenotype APOOL APOOL BDMC	8 - 7 - 6 - 5 - 2 - 1 - 01	n=18 phenotype  ARG2 ARG2  BDMC	7 - 6 - 5 - 4 - 3 - 1 - 01	n=18 phenotype ASF1B ASF1B BDMC	8 7 - 6 - 2000A94 - 2 - 1 - 0	n=18 phenotype ATP6V0D2 ATP6V0D2  BDMC
AW112010 0 0 8 8	n=18 phenotype AW112010 AW112010 BDMC	8 7 7 6 7 6 7 7 8 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	n=18 phenotype BANF1 BANF1	9	n=18 phenotype C1QB C1QB BDMC	CAR4 7 - 6 - 5 - 4 - 3 - 2 - 1 - 01	n=18 phenotype  CAR4 CAR4  BDMC
8 7 7 6 - 5 - 4 - 3 - 2 - 1 - 01	n=18 phenotype CAV1 CAV1	10 - 9 - 7 - 8 - 7 - 6 5 - 4 - 3 - 2 1	n=18 phenotype CCL17 CCL17	12 - 10 - 8 - 8 - 4 - 2	n=18 phenotype CCL2 CCL2	12 - 10 - 8 - 6 - 4 - 2 - 0	n=18 phenotype  CCL22 CCL22
12 - 10 - 8 - 2 - 0	BDMC n=18 phenotype CCL7 CCL7	CCR2 7 - 6 - 5 - 2 - 1 - 0 - -1	BDMC n=18 phenotype CCR2 CCR2	7 - 6 - 5 - 4 - 2 - 1 - 01	BDMC n=18 phenotype CCT3 CCT3	7 - 6 - 5 - 4 - 3 - 2 - 1 - 01	BDMC n=18 phenotype CD200 CD200
CD200R1  7	BDMC n=18 phenotype CD200R1 CD200R1	7 - 6 - 5 - 4 - 3 - 1 - 01	BDMC n=18 phenotype CD302 CD302	9 - 8 - 7 - 6 - 6900 3 - 2 - 1 - 0	BDMC n=18 phenotype CD69 CD69	7 - 6 - 5 - 2NL33 - 2 - 1 - 01	BDMC n=18 phenotype CETN2 CETN2
8 6 - CHI3F3 0 - 0	BDMC n=18 phenotype CHI3L3 CHI3L3	7 - 6 - 5 - 4 - 3 - 2 - 1 - 01	BDMC n=18 phenotype CKS2 CKS2	7 - 6 - 5 - 4 - 3 - 1 - 01	BDMC n=18 phenotype CLAST2 CLAST2	7 - 6 - 5 - 4 - 3 - 2 - 1 - 01	BDMC n=18 phenotype COPS5 COPS5
7	BDMC n=18 phenotype COX5A COX5A	9	BDMC n=18 phenotype CXCL1 CXCL1	9	BDMC n=18 phenotype CXCL3 CXCL3	6 7 5 - 4 - 2 1 - 0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	BDMC n=18 phenotype DHRS1 DHRS1
7 - 6 - 8LT1NAO 1 - 0 - 1	BDMC n=18 phenotype DYNLT1B DYNLT1B	EAR11 8 - 7 6 - 7 1 - 0 - 7	BDMC n=18 phenotype EAR11 EAR11	9 - 8 - 7 - 6 - 4 - 3 - 2 - 1 - 0	BDMC n=18 phenotype EMR1 EMR1	9 - 8 - 7 - 6 - 0 5 - 1 - 0	BDMC n=18 phenotype F10 F10
7	BDMC n=18 phenotype FAM103A1 FAM103A1	9 - 7 6 - 8 7 6 5 4 3 - 2 1 0 0	BDMC n=18 phenotype FCGR3 FCGR3	9 - 8 - 7 - 6 5 - 3 - 2 - 1 - 0	BDMC n=18 phenotype FLRT3 FLRT3	9 7 8 - 7 - 6 - 1244 - 3 - 2 - 1 - 0	BDMC n=18 phenotype  FPR1 FPR1
7 - 6 - 5 - 4 - 3 - 1 - 01	BDMC n=18 phenotype FUCA2 FUCA2	GLIPR2 0 - 8 0	BDMC n=18 phenotype GLIPR2 GLIPR2	7 - 6 - 5 - 4 - 3 - 1 - 01	BDMC n=18 phenotype GNGT2 GNGT2	GPR141 2 6 - 2 1 - 0 - -1	BDMC n=18 phenotype GPR141 GPR141
8 7 7 6 5 4 3 2 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BDMC n=18 phenotype H2-AB1 H2-AB1	7 - 6 - 5 - 4 - 3 - 2 - 1 - 01	BDMC n=18 phenotype H2-EB1 H2-EB1	8 7 - 6 - 5 - 4 - 3 - 1 - 01	BDMC n=18 phenotype HMGN2 HMGN2	7 - 6 - 5 - 4 - 4 - 4 - 2 - 1 - 01	BDMC n=18 phenotype HP HP
7 - 6 - 5 - 4 - 02IH 2 - 1 - 0 - 1	BDMC n=18 phenotype IFI30 IFI30	10 - 8 - 6 - 2 - 0	BDMC n=18 phenotype IFIT1 IFIT1	8 7 7 6 7 6 7 5 7 1 4 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	BDMC n=18 phenotype  IFIT2 IFIT2	8 7 - 6 - 1 - 01	BDMC n=18 phenotype  IFITM1 IFITM1
8 - 6 - 2 - 0 -	BDMC n=18 phenotype IFNB1 IFNB1	T1R2 - 2 - 1 - 1 - 1	BDMC n=18 phenotype IL1R2 IL1R2	9 7 8 - 7 6 - 8 5 - 3 - 2 - 1 - 0	BDMC n=18 phenotype IL23A IL23A	7 - 6 - 5 - 97SNI 2 - 1 - 01	BDMC n=18 phenotype INSL6 INSL6
8 7 - 6 - 7 - 8 - 7 - 0 - 1 - 0	BDMC n=18 phenotype IRGM1 IRGM1	7 - 6 - 5 - 4 - 3 - 2 - 1 - 01	BDMC n=18 phenotype KLK1B1 KLK1B1	7 - 6 - 5 - 4 - 3 - 2 - 1 - 01	BDMC n=18 phenotype LAT2 LAT2	8 7 7 6 7 6 7 7 7 8 7 7 7 9 7 9 9 9 9 9 9 9 9 9 9 9	BDMC n=18 phenotype LCN2 LCN2
8 7 6 5 4 3 2 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BDMC n=18 phenotype LGALS1 LGALS1	7 - 6 - 5 - 4 - 3 - 1 - 01	BDMC n=18 phenotype LSM3 LSM3	8	BDMC n=18 phenotype LY86 LY86  BDMC	7 - 6 - 5 - 4 - 96\lambda 7 - 1 - 01	BDMC n=18 phenotype LY96 LY96 BDMC
7	n=18 phenotype MAD2L1 MAD2L1	7 - 6 - 5 - 4 - 3 - 1 - 01	n=18 phenotype MED21 MED21  MED21	7 - 6 - 5 - 4 - 3 - 1 - 01	n=18 phenotype MGST3 MGST3  BDMC	9 7 8 7 6 7 6 7 8 7 9 9 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9	n=18 phenotype  MMP13 MMP13
9 7 8 7 7 6 7 8 8 9 9 7 9 9 7 9 9 9 9 9 9 9 9 9 9 9	n=18 phenotype MMP8 MMP8  BDMC	MS4A7 8 6 4 2 - 0 -	n=18 phenotype MS4A7 MS4A7  BDMC	7 - 6 - 5 - 2 - 4 - 3 - 1 - 01 - 1 - 1	n=18 phenotype N6AMT2 N6AMT2 BDMC	7 - 6 - 5 - 4 - 3 - 2 - 1 - 01	n=18 phenotype NAA38 NAA38 BDMC
7 - 6 - 5 - 4 - 3 - 1 - 01	n=18 phenotype NAGK NAGK BDMC	7 - 6 - 5 - 4 - 2 - 1 - 01	n=18 phenotype NCF4 NCF4 BDMC	8 7 7 6 - 5 4 7 7 1 - 0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	n=18 phenotype NDUFA4 NDUFA4  BDMC	7 - 6 - 5 - 6LQNN 2 - 1 - 01	n=18 phenotype NUDT9 NUDT9 BDMC
9 - 7 - 8 - 7 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9	n=18 phenotype NUPR1 NUPR1	8 7 - 6 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7	n=18 phenotype  OASL1 OASL1  BDMC	9	n=18 phenotype  OAZ1 OAZ1  BDMC	7 - 6 - 1 - 01	n=18 phenotype PDZD11 PDZD11  BDMC
8 7 7 6 7 1 4 7 2 7 1 7 0	n=18 phenotype PFN1 PFN1  BDMC	8 7 - 6 - 5 - 4 3 - 1 - 0 - 1	n=18 phenotype PMP22 PMP22 PMP22	7 - 6 - 5 - 4 - 3 - 1 - 01	n=18 phenotype PNP2 PNP2 BDMC	PPP1R15A	n=18 phenotype PPP1R15A PPP1R15A BDMC
9 - 7 6 5 4 3 2 1 0	n=18 phenotype PTGS2 PTGS2 PTGS2	8	n=18 phenotype PTX3 PTX3 PTX3	7 - 6 - 5 - 4 - 2 - 1 - 01	n=18 phenotype  QPCT QPCT  QPCT  BDMC n=19	7 - 6 - 5 - 4 - 3 - 2 - 1 - 01	n=18 phenotype  RAB9 RAB9  BDMC
7 - 6 - 5 - 4 - 3 - 1 - 011	n=18 phenotype  RFC2 RFC2  BDMC	7 - 6 - 5 - IQBOX 2 - 1 - 01	n=18 phenotype  ROGDI ROGDI  BDMC	7 - 6 - 5 - 4 - 3 - 1 - 01	n=18 phenotype S100A4 S100A4 S100A4	7	n=18 phenotype SC4MOL SC4MOL BDMC
8 7 7 6 7 7 8 7 7 8 7 9 7 9 7 9 9 9 9 9 9 9 9 9	n=18 phenotype SELL SELL BDMC	8 7 - 6 - 1 - 0 - 1 - 0 - 1	n=18 phenotype SEPP1 SEPP1 BDMC	7	n=18 phenotype SERPINB6A SERPINB6A BDMC	8 7 - 6 - 6 5 - 4 - 3 - 2 - 1 - 0 - 1 - 1	n=18 phenotype SERPINB9 SERPINB9
7 7 6 - 5 4 - 3 - 1 - 0 - 1	n=18 phenotype SLFN1 SLFN1 BDMC	8 7 7 6 - 5 - Id 3 - 2 - 1 - 01	n=18 phenotype SLPI SLPI BDMC	8 - 6 - 1NWLS 2 - 0 -	n=18 phenotype STMN1 STMN1  BDMC	8 7 7 6 - 1 4 4 - 2 1 - 0	n=18 phenotype  TARM1 TARM1  BDMC
8 7 - 1 SHBZ1 2 1 - 0	n=18 phenotype THBS1 THBS1  BDMC	7 - 6 - 5 - 4 - 3 - 1 - 01	n=18 phenotype TM7SF4 TM7SF4 TM7SF4	8 7 7 6 7 7 8 7 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	n=18 phenotype TMEM176A TMEM176A  BDMC	TMEM176B 8 - 0 -	n=18 phenotype TMEM176B TMEM176B  BDMC
8 6 4 2 0	n=18 phenotype TMEM39A TMEM39A  BDMC	1NFRSF9 8 6 4 0	n=18 phenotype TNFRSF9 TNFRSF9  BDMC n=18	8 7 - 6 5 - 4 3 - 2 1 - 0 - 1	n=18 phenotype TNFSF4 TNFSF4 BDMC	7 - 6 - 5 - 4 - 3 - 2 - 1 - 01	n=18 phenotype TRIM13 TRIM13 BDMC
8 7 6 5 7 4 3 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	n=18 phenotype TUBA1A TUBA1A BDMC	8 7 - 6 5 4 3 2 1 - 0 -1	phenotype TUBA1B TUBA1B  BDMC	7 - 6 - 5 - 4 - 3 - 1 - 01	n=18 phenotype TUBB2C TUBB2C BDMC	8 7 - 6 - 5 - 4 - 3 - 2 - 1 - 01	n=18 phenotype  UPP1 UPP1  BDMC
7 - 6 - 5 - 4 - 3 - 1 - 01	BDMC n=18 phenotype VAMP4 VAMP4	7 6 - 5 4 3 2 - 0 -1	BDMC n=18 phenotype VPS25 VPS25	7 - 6 - 5 - 4 - 3 - 1 - 01	BDMC n=18 phenotype WDR61 WDR61	8 7 - 8 7 -	BDMC n=18 phenotype ZFP263 ZFP263
-1 _	BDMC n=18 phenotype	<u> </u>	BDMC n=18 phenotype		BDMC n=18 phenotype	— -1 <del> </del>	BDMC n=18 phenotype