The result of 525 IRG

|  |  |
| --- | --- |
| No. | *IRGs* |
| 1 | *BTK* |
| 2 | *C3* |
| 3 | *CCR7* |
| 4 | *CD28* |
| 5 | *CD81* |
| 6 | *CNR1* |
| 7 | *HLA-E* |
| 8 | *KARS1* |
| 9 | *LTA* |
| 10 | *PARK7* |
| 11 | *TNF* |
| 12 | *ZP3* |
| 13 | *ABCD1* |
| 14 | *ABCD2* |
| 15 | *ADCY7* |
| 16 | *ALOX5* |
| 17 | *APOD* |
| 18 | *APPL1* |
| 19 | *APPL2* |
| 20 | *BAP1* |
| 21 | *CD36* |
| 22 | *CD6* |
| 23 | *CHIA* |
| 24 | *CHID1* |
| 25 | *CLEC7A* |
| 26 | *CUEDC2* |
| 27 | *DUSP10* |
| 28 | *F2* |
| 29 | *GBP5* |
| 30 | *GPSM3* |
| 31 | *GRN* |
| 32 | *H19* |
| 33 | *HIF1A* |
| 34 | *IL17A* |
| 35 | *IL17B* |
| 36 | *IL17D* |
| 37 | *IL17F* |
| 38 | *IL17RC* |
| 39 | *IL1R2* |
| 40 | *IL4R* |
| 41 | *IL6* |
| 42 | *INS* |
| 43 | *KPNA6* |
| 44 | *LBP* |
| 45 | *LEP* |
| 46 | *LILRB4* |
| 47 | *LYN* |
| 48 | *MACIR* |
| 49 | *MAPK14* |
| 50 | *MEFV* |
| 51 | *MIR125A* |
| 52 | *MIR129-1* |
| 53 | *MIR135A1* |
| 54 | *MIR136* |
| 55 | *MIR140* |
| 56 | *MIR146A* |
| 57 | *MIR152* |
| 58 | *MIR16-1* |
| 59 | *MIR17* |
| 60 | *MIR197* |
| 61 | *MIR203A* |
| 62 | *MIR21* |
| 63 | *MIR221* |
| 64 | *MIR222* |
| 65 | *MIR26A1* |
| 66 | *MIR338* |
| 67 | *MIR378A* |
| 68 | *MIR675* |
| 69 | *MIR93* |
| 70 | *MIR98* |
| 71 | *MYD88* |
| 72 | *NLRC3* |
| 73 | *NLRP7* |
| 74 | *NOD2* |
| 75 | *NOS2* |
| 76 | *P2RX1* |
| 77 | *PDCD4* |
| 78 | *PER1* |
| 79 | *PLA2G3* |
| 80 | *PLD3* |
| 81 | *PLD4* |
| 82 | *PPARA* |
| 83 | *PRDX2* |
| 84 | *PYCARD* |
| 85 | *RPS19* |
| 86 | *SERPINE1* |
| 87 | *SIRPA* |
| 88 | *SLAMF8* |
| 89 | *SNAP23* |
| 90 | *SNX4* |
| 91 | *STAT3* |
| 92 | *SYK* |
| 93 | *TICAM1* |
| 94 | *TLR4* |
| 95 | *TLR6* |
| 96 | *VAMP7* |
| 97 | *VAMP8* |
| 98 | *ZC3H12A* |
| 99 | *ADAM8* |
| 100 | *ADCYAP1* |
| 101 | *ADORA1* |
| 102 | *APCS* |
| 103 | *ASH1L* |
| 104 | *C2CD4A* |
| 105 | *C2CD4B* |
| 106 | *CREB3L3* |
| 107 | *DNASE1* |
| 108 | *DNASE1L3* |
| 109 | *EDNRB* |
| 110 | *F12* |
| 111 | *FCGR2B* |
| 112 | *FFAR2* |
| 113 | *FFAR3* |
| 114 | *FUT7* |
| 115 | *GSTP1* |
| 116 | *IL1B* |
| 117 | *IL20RB* |
| 118 | *IL4* |
| 119 | *IL6ST* |
| 120 | *KLKB1* |
| 121 | *MIR92A1* |
| 122 | *NLRP3* |
| 123 | *NPY5R* |
| 124 | *OSM* |
| 125 | *OSMR* |
| 126 | *PIK3CG* |
| 127 | *PLA2G2D* |
| 128 | *PPARG* |
| 129 | *PTGER3* |
| 130 | *PTGES* |
| 131 | *PTGS2* |
| 132 | *RHBDD3* |
| 133 | *SELENOS* |
| 134 | *TAC1* |
| 135 | *TNFRSF11A* |
| 136 | *TNFSF11* |
| 137 | *CCL5* |
| 138 | *FOXP3* |
| 139 | *IDO1* |
| 140 | *IL10* |
| 141 | *TNFAIP3* |
| 142 | *ABCC1* |
| 143 | *ABHD12* |
| 144 | *ACE2* |
| 145 | *ACOD1* |
| 146 | *ADA* |
| 147 | *ADAMTS12* |
| 148 | *ADIPOQ* |
| 149 | *AGER* |
| 150 | *AGT* |
| 151 | *AGTR1* |
| 152 | *AHSG* |
| 153 | *AKNA* |
| 154 | *ALOX15* |
| 155 | *ANXA1* |
| 156 | *AOAH* |
| 157 | *APOA1* |
| 158 | *APOE* |
| 159 | *APP* |
| 160 | *AREL1* |
| 161 | *ATM* |
| 162 | *BCL6* |
| 163 | *BCL6B* |
| 164 | *BIRC2* |
| 165 | *BIRC3* |
| 166 | *BRD4* |
| 167 | *BST1* |
| 168 | *C1QTNF12* |
| 169 | *C1QTNF3* |
| 170 | *CALCRL* |
| 171 | *CASP1* |
| 172 | *CASP12* |
| 173 | *CASP4* |
| 174 | *CASP5* |
| 175 | *CCL1* |
| 176 | *CCL24* |
| 177 | *CCL3* |
| 178 | *CCN3* |
| 179 | *CCN4* |
| 180 | *CCR2* |
| 181 | *CD200* |
| 182 | *CD200R1* |
| 183 | *CD200R1L* |
| 184 | *CD47* |
| 185 | *CDH5* |
| 186 | *CDK19* |
| 187 | *CEBPA* |
| 188 | *CEBPB* |
| 189 | *CELF1* |
| 190 | *CLOCK* |
| 191 | *CMA1* |
| 192 | *CNR2* |
| 193 | *CST7* |
| 194 | *CTSC* |
| 195 | *CX3CL1* |
| 196 | *CXCL17* |
| 197 | *CYLD* |
| 198 | *DAGLA* |
| 199 | *DAGLB* |
| 200 | *DDT* |
| 201 | *DEFB114* |
| 202 | *DHX9* |
| 203 | *DROSHA* |
| 204 | *DUOXA1* |
| 205 | *DUOXA2* |
| 206 | *EGFR* |
| 207 | *ELANE* |
| 208 | *ENPP3* |
| 209 | *ESR1* |
| 210 | *ETS1* |
| 211 | *FABP4* |
| 212 | *FANCA* |
| 213 | *FANCD2* |
| 214 | *FEM1A* |
| 215 | *FFAR4* |
| 216 | *FNDC4* |
| 217 | *FOXF1* |
| 218 | *FOXP1* |
| 219 | *FPR2* |
| 220 | *GATA3* |
| 221 | *GBA* |
| 222 | *GGT1* |
| 223 | *GGT2* |
| 224 | *GGT3P* |
| 225 | *GHRL* |
| 226 | *GHSR* |
| 227 | *GIT1* |
| 228 | *GPER1* |
| 229 | *GPR17* |
| 230 | *GPR31* |
| 231 | *GPR4* |
| 232 | *GPRC5B* |
| 233 | *GPS2* |
| 234 | *GPX1* |
| 235 | *HAMP* |
| 236 | *HCK* |
| 237 | *HGF* |
| 238 | *HLA-DRB1* |
| 239 | *HYAL2* |
| 240 | *IFI35* |
| 241 | *IFNG* |
| 242 | *IGF1* |
| 243 | *IL12B* |
| 244 | *IL13* |
| 245 | *IL15* |
| 246 | *IL16* |
| 247 | *IL18* |
| 248 | *IL1R1* |
| 249 | *IL1RL1* |
| 250 | *IL1RL2* |
| 251 | *IL2* |
| 252 | *IL20* |
| 253 | *IL21* |
| 254 | *IL22RA2* |
| 255 | *IL23A* |
| 256 | *IL2RA* |
| 257 | *IL33* |
| 258 | *IL37* |
| 259 | *IRF3* |
| 260 | *ISL1* |
| 261 | *ITGA2* |
| 262 | *JAK2* |
| 263 | *KLF4* |
| 264 | *KRT1* |
| 265 | *LACC1* |
| 266 | *LDLR* |
| 267 | *LILRA5* |
| 268 | *LPCAT3* |
| 269 | *LPL* |
| 270 | *LRFN5* |
| 271 | *LRRC19* |
| 272 | *LRRK2* |
| 273 | *MAPK13* |
| 274 | *MAPK7* |
| 275 | *MAS1* |
| 276 | *MCPH1* |
| 277 | *MDK* |
| 278 | *METRNL* |
| 279 | *MFHAS1* |
| 280 | *MGLL* |
| 281 | *MGST2* |
| 282 | *MIR105-1* |
| 283 | *MIR126* |
| 284 | *MIR128-1* |
| 285 | *MIR138-1* |
| 286 | *MIR141* |
| 287 | *MIR142* |
| 288 | *MIR144* |
| 289 | *MIR145* |
| 290 | *MIR149* |
| 291 | *MIR15A* |
| 292 | *MIR15B* |
| 293 | *MIR181A2* |
| 294 | *MIR181B1* |
| 295 | *MIR181C* |
| 296 | *MIR187* |
| 297 | *MIR195* |
| 298 | *MIR19A* |
| 299 | *MIR19B1* |
| 300 | *MIR204* |
| 301 | *MIR205* |
| 302 | *MIR206* |
| 303 | *MIR20A* |
| 304 | *MIR22* |
| 305 | *MIR223* |
| 306 | *MIR30C2* |
| 307 | *MIR31* |
| 308 | *MIR361* |
| 309 | *MIR3909* |
| 310 | *MIR488* |
| 311 | *MIR590* |
| 312 | *MIR657* |
| 313 | *MIR6869* |
| 314 | *MIR766* |
| 315 | *MIR920* |
| 316 | *MIRLET7G* |
| 317 | *MMP26* |
| 318 | *MMP3* |
| 319 | *MMP8* |
| 320 | *MMP9* |
| 321 | *MVK* |
| 322 | *NAPEPLD* |
| 323 | *NDFIP1* |
| 324 | *NEAT1* |
| 325 | *NFKB1* |
| 326 | *NFKBIA* |
| 327 | *NFKBIZ* |
| 328 | *NLRP1* |
| 329 | *NLRP10* |
| 330 | *NLRP12* |
| 331 | *NLRP6* |
| 332 | *NLRX1* |
| 333 | *NMI* |
| 334 | *NR1D1* |
| 335 | *NR1D2* |
| 336 | *NR1H3* |
| 337 | *NR1H4* |
| 338 | *NT5E* |
| 339 | *NUPR1* |
| 340 | *OTULIN* |
| 341 | *PBK* |
| 342 | *PDE2A* |
| 343 | *PGLYRP2* |
| 344 | *PIK3AP1* |
| 345 | *PLA2G2A* |
| 346 | *PLA2G7* |
| 347 | *PPARD* |
| 348 | *PRKCD* |
| 349 | *PROC* |
| 350 | *PSMA1* |
| 351 | *PSMA6* |
| 352 | *PSMB4* |
| 353 | *PTGER4* |
| 354 | *PTGIS* |
| 355 | *PTPN2* |
| 356 | *PTPRC* |
| 357 | *PYDC2* |
| 358 | *RB1* |
| 359 | *RELA* |
| 360 | *RICTOR* |
| 361 | *RIPK1* |
| 362 | *RORA* |
| 363 | *S100A12* |
| 364 | *S100A8* |
| 365 | *S100A9* |
| 366 | *SAA1* |
| 367 | *SBNO2* |
| 368 | *SCGB1A1* |
| 369 | *SELE* |
| 370 | *SEMA7A* |
| 371 | *SERPINF1* |
| 372 | *SETD6* |
| 373 | *SHARPIN* |
| 374 | *SHPK* |
| 375 | *SIGLEC10* |
| 376 | *SMAD3* |
| 377 | *SMPDL3B* |
| 378 | *SNCA* |
| 379 | *SOCS3* |
| 380 | *SOCS5* |
| 381 | *SOD1* |
| 382 | *SPATA2* |
| 383 | *SPHK1* |
| 384 | *STAP1* |
| 385 | *STAT5B* |
| 386 | *STING1* |
| 387 | *STK39* |
| 388 | *SUCNR1* |
| 389 | *SYT11* |
| 390 | *TAFA3* |
| 391 | *TEK* |
| 392 | *TGM2* |
| 393 | *TLR10* |
| 394 | *TLR2* |
| 395 | *TLR3* |
| 396 | *TLR7* |
| 397 | *TLR9* |
| 398 | *TMSB4X* |
| 399 | *TNFAIP6* |
| 400 | *TNFAIP8L2* |
| 401 | *TNFRSF1A* |
| 402 | *TNFRSF1B* |
| 403 | *TNFSF18* |
| 404 | *TNFSF4* |
| 405 | *TNIP1* |
| 406 | *TRADD* |
| 407 | *TREM2* |
| 408 | *TREX1* |
| 409 | *TSLP* |
| 410 | *TTBK1* |
| 411 | *TYRO3* |
| 412 | *UFL1* |
| 413 | *USP18* |
| 414 | *VPS35* |
| 415 | *WFDC1* |
| 416 | *WNT5A* |
| 417 | *XCL1* |
| 418 | *XIAP* |
| 419 | *ZBP1* |
| 420 | *ZYX* |
| 421 | *CCR6* |
| 422 | *ITGB2* |
| 423 | *JAM3* |
| 424 | *PTN* |
| 425 | *TRIM55* |
| 426 | *F2R* |
| 427 | *HMOX1* |
| 428 | *IL1A* |
| 429 | *TGFB1* |
| 430 | *TIMP1* |
| 431 | *ECE1* |
| 432 | *EDN1* |
| 433 | *RAB27A* |
| 434 | *UNC13D* |
| 435 | *VWF* |
| 436 | *IL18R1* |
| 437 | *IL1RAP* |
| 438 | *IL1RAPL2* |
| 439 | *EXT1* |
| 440 | *ICAM1* |
| 441 | *IL31RA* |
| 442 | *NPFF* |
| 443 | *OPRM1* |
| 444 | *SERPINC1* |
| 445 | *ACVR1* |
| 446 | *ANO6* |
| 447 | *APOL2* |
| 448 | *ASS1* |
| 449 | *B4GALT1* |
| 450 | *CD163* |
| 451 | *CRP* |
| 452 | *CTNNBIP1* |
| 453 | *EIF2AK1* |
| 454 | *EPO* |
| 455 | *F3* |
| 456 | *F8* |
| 457 | *FN1* |
| 458 | *HFE* |
| 459 | *HP* |
| 460 | *HPR* |
| 461 | *IL22* |
| 462 | *IL6R* |
| 463 | *ITIH4* |
| 464 | *MBL2* |
| 465 | *MRGPRX1* |
| 466 | *MYLK3* |
| 467 | *OGG1* |
| 468 | *ORM1* |
| 469 | *ORM2* |
| 470 | *PLSCR1* |
| 471 | *PRCP* |
| 472 | *REG3A* |
| 473 | *REG3G* |
| 474 | *SAA2* |
| 475 | *SAA4* |
| 476 | *SERPINA1* |
| 477 | *SERPINA3* |
| 478 | *SERPINF2* |
| 479 | *SIGIRR* |
| 480 | *TFR2* |
| 481 | *TREM1* |
| 482 | *UGT1A1* |
| 483 | *VCAM1* |
| 484 | *VNN1* |
| 485 | *CDKN2A* |
| 486 | *CTSL* |
| 487 | *FASLG* |
| 488 | *HCAR2* |
| 489 | *IRF7* |
| 490 | *ITPKB* |
| 491 | *MEF2C* |
| 492 | *PIK3CB* |
| 493 | *PIK3CD* |
| 494 | *PLEKHO2* |
| 495 | *SIRT1* |
| 496 | *SLC7A11* |
| 497 | *TCP1* |
| 498 | *ZMPSTE24* |
| 499 | *AHCY* |
| 500 | *CD68* |
| 501 | *CYSLTR1* |
| 502 | *HMGB1* |
| 503 | *HMGB2* |
| 504 | *IL1F10* |
| 505 | *IL1RN* |
| 506 | *IL25* |
| 507 | *IL36A* |
| 508 | *IL36B* |
| 509 | *IL36G* |
| 510 | *IL36RN* |
| 511 | *IL5RA* |
| 512 | *KDM6B* |
| 513 | *NOTCH1* |
| 514 | *NOTCH2* |
| 515 | *PNMA1* |
| 516 | *RBPJ* |
| 517 | *ARG2* |
| 518 | *MCOLN2* |
| 519 | *CHPT1* |
| 520 | *LPCAT2* |
| 521 | *PAFAH1B1* |
| 522 | *PLA2G10* |
| 523 | *PLA2G4A* |
| 524 | *PLA2G4C* |
| 525 | *PLA2G6* |

IRG, inflammation-related gene.