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AKT pS473
   AKT pT308
  GSK3 pS21/9
    FOX03a
  MTOR pS2448
  p70S6K pT389
     p70S6k
  S6 pS240/244
      S6
     p110a
     LKB1
      ACC
  AMPK pT172
     AMPK
  TSC2 pT1462
     TSC2
  HER2 pY1428
  IGFR pY1135
    IGFR-1
     EGFR
 P38 pT180Y182
      P38
 JNK pT183Y185
      JNK
   cJUN PS73
     cJUN
  STAT3 pT727
  STAT3 pY705
     STAT3
  STAT5 pY694
   Src pY527
      c-kit
      p27
    Cyclin D1
    Cyclin E1
     PCNA
   b-Catenin
   E-Cadherin
     Rab25
  S6 pS235/236
      AKT
     GSK3
     MTOR
      p85
    MEK1-2
      Src
      p21
      p53
    Cydin B1
  PKCa pS657
MEK1-2 pS217/221
     ERK2
     PKCa
MAPK pT202Y204
     Caviolin
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AKT pS473 AKT pT308 GSK3 pS21/9 FOX03a MTOR pS2448 p70S6K pT389 p70S6k S6 pS240/244 S6 p110a LKB1 ACC AMPK pT172 AMPK TSC2 pT1462 TSC2 HER2 pY1428 IGFR pY1135 IGFR-1 **EGFR** P38 pT180Y182 P38 JNK pT183Y185 JNK cJUN PS73 **cJUN** STAT3 pT727 STAT3 pY705 STAT3 STAT5 pY694 Src pY527 c-kit p27 Cyclin D1 Cyclin E1 **PCNA** b-Catenin E-Cadherin Rab25 \$6 p\$235/236 **AKT** GSK3 **MTOR** p85 MEK1-2 Src p21 p53 Cydin B1 PKCa pS657 MEK1-2 pS217/221 ERK2 MAPK pT202Y*2*04