```
COPD_IFNpositivemodel_36
                 COPD_IFNpositivemodel_24
         COPD IFNpositivemodel 28
                                          COPD_IFNpositivemodel_44
COPD IFNpositivemodel 25

    COPD IFNpositivemodel 14

                           COPD_IFNpositivemodel_37
                                                                                 TB_IFNpositivemodel_13
COPD_IFNpositivemodel_33PD_IFNpositivemodel_21DPD_IFNpositivemodel_41 COPD_IFNpositivemodel_23
                                        COPD_IFNpositivemodel_18 COPD_IFNpositivemodel_35
         COPD_IFNpositivemodel_39
COPD_IFNpositivemodel_13 COPD_IFNpositivemodel_31
                                                            TB_IFNpositivemodel_7 TB_IFNpositivemodel_8
                                                                   COPD_IFNpositivemodel_38 TB_IFNpositivemodel_12
                 COPD_IFNpositivemodel_40
                                            CQPD_IFNpositivemodel_4
    COPD_IFNpositivemodel_5
                                                                                           TB_IFNpositivemodel_2
                                                        COPD_IFNpositivemodel_42 TB_IFNpositivemodel_11
  COPD_IFNpositivemodel_22
                                  CORD_IFNpositivemodel_8 COPD_IFNpositivemodel_10
COPD_IFNpositivemodel_32
                                                                                         TB_IFNpositivemodel_1
              COPD_IFNpositivemodel_26
                                            CQPD_FNpositivemodel_2
                                                                           TB_IFNpositivemodel_
                                COPD_IFNpositivemodel_3
    COPD_IFNpositivemodel_15
                                                       CORD_IFNpositivemodel_12
                                                                                          TB IFN ositive model_3
                                COPD IFNpositivemodel
 COPD_IFNpositivemodel_45
                                                                    TB IFNpositive model 10
                                                                                            FNpositivemodel_9
                                           COPD_IFNpositivemodel_11
                    COPD_IFNpositivemodel_30
                                                      COPD_IFNpositivemodel_17FNnegativemodel_46
                                                                                         TB/IFMpositivemodel 4
                      COPD_IFNpositivemodel_7
                                     CORD_IF\negativemodel_40 IF\negativemodel_13 COPD_IF\negativemodel_48
COPD_IFNpositivemodel_6
               COPD_IFNpositivemodel_dfD_IFNnegativemodel_11
                                                                      COPD_IFNnegativemodel_23
                              COPD_IFNnegativemodel_19 COPD_IFNpositivemodel_29
  COPD IFNpositivemodel 19
COPD_IFNpositivemodel_27—
          COPD_IFNpositivemodel_16 COPD_IFNpositivemodel_34 COPD_IFNnegativemodel_47
                                                                            COPD_IFNnegativemodel_25
                     COPD_IFNnegativemodel_18 COPD_IFNnegativemodel_12ORD_IFNnegativemodel_26
                                                              COPD_(FNnegative/nodel_3
                                                                                         COPD IFNnegativemodel 30
              COPD_IFNnegativemodel_22
                                                                      COPD_IFNnegativemodel_16 ____COPD_IFNnegativemodel_41
                                       COPD_IFNnegativemodel_7
              COPD_IFNnegativemodel_15
                                  COPD_IFNnegativemodel_44
                                                                           COPD IFNnegativemodel 43
                                                      COPD_INNnegativemodel_1
                    COPD IFNnegativemodel 20
                                                                                        COPD_IFNnegativemodel_10
                                   COPD_IFNnegativemodel_2
                                                                          OPD_IFNnegativemodel_14
                                                                 COPD_IFNnegativemodel_4
                                          COPD IFNnegativemodel_8
                                                                 COPD_IFNnegativemodel_39 COPD_IFNnegativemodel_9
                 COPD IFNnegativemodel 17
                                       COPD_IFNnegativemodel_6
                                                                   COPD_IFNnegativemodel_33
              COPD_IFNnegativemodel_27
                                                                                         COPD_IFNnegativemodel_24
                                         COPD_IFNnegativemodel_45
                                                                                         COPD_IFNnegativemodel_34
                  COPD_IFNnegativemodel_28 •
                                                                           COPD_IFNnegativemodel_31
                                  COPD_IFNnegativemodel_50
                                        COPD_IFNnegativemodel_29
                                                                     COPD_IFNnegativemodel_36
                                   COPD_IFNnegativemodel_32 •
                                                                        COPD_IFNnegativemodel_42
                                                        COPD_IFNnegativemodel_38
```