


**ADJACENT\_TO\_LIVER\_TUMOR\_UP, ACEVEDO\_NORMAL\_TISSUE\_ADJACENT\_TO\_LIVER\_TUMOR\_UP**  CAR\_HP\_X, CAR\_HP\_X  
QIU\_PPMC\_HEPTATITIS\_B\_SURFACE\_ANTIGEN\_AGE\_UNDER50\_NON\_RESPONDERS\_VS\_RESPONDERS\_0DY\_UP, QIU\_PPMC\_HEPTATITIS\_B\_SURFACE\_ANTIGEN\_AGE\_UNDER50\_NON\_RESPONDERS\_0DY\_UP