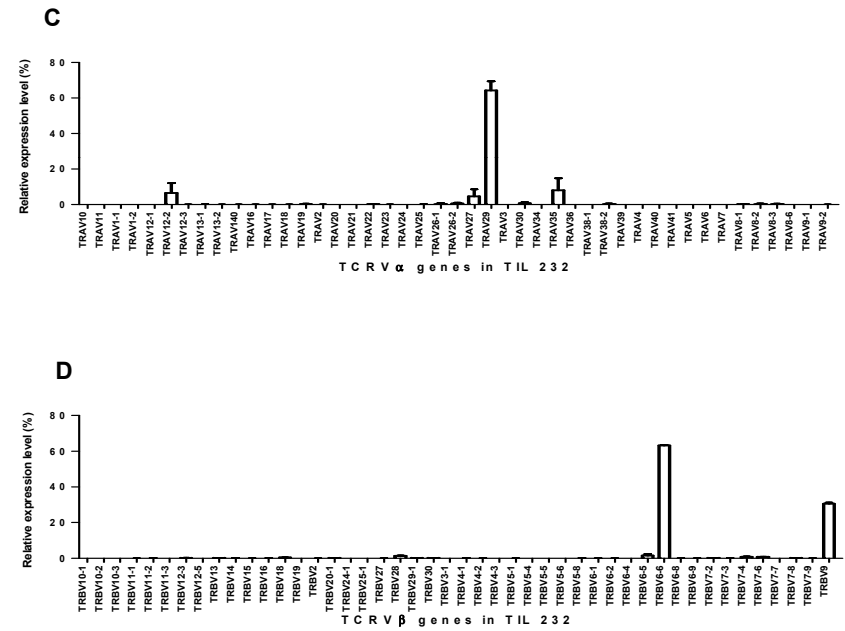
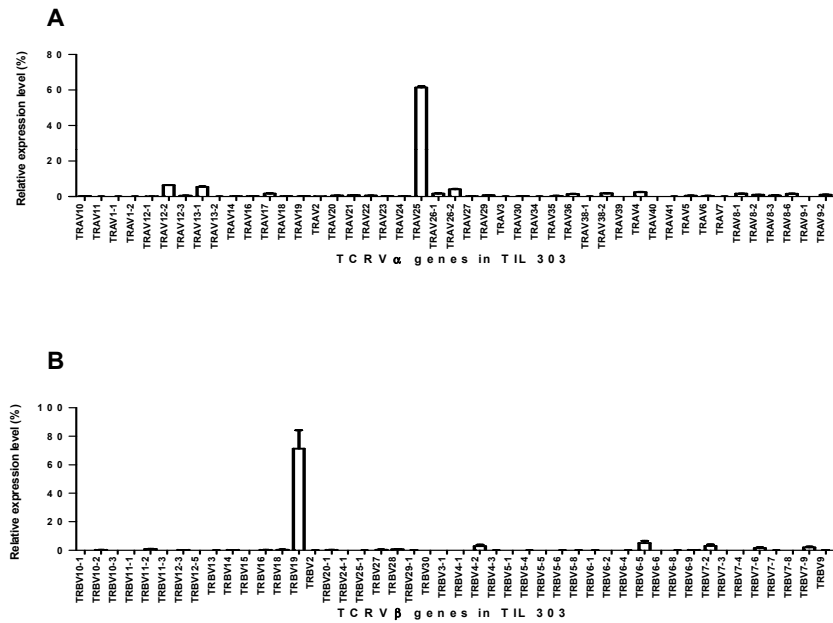
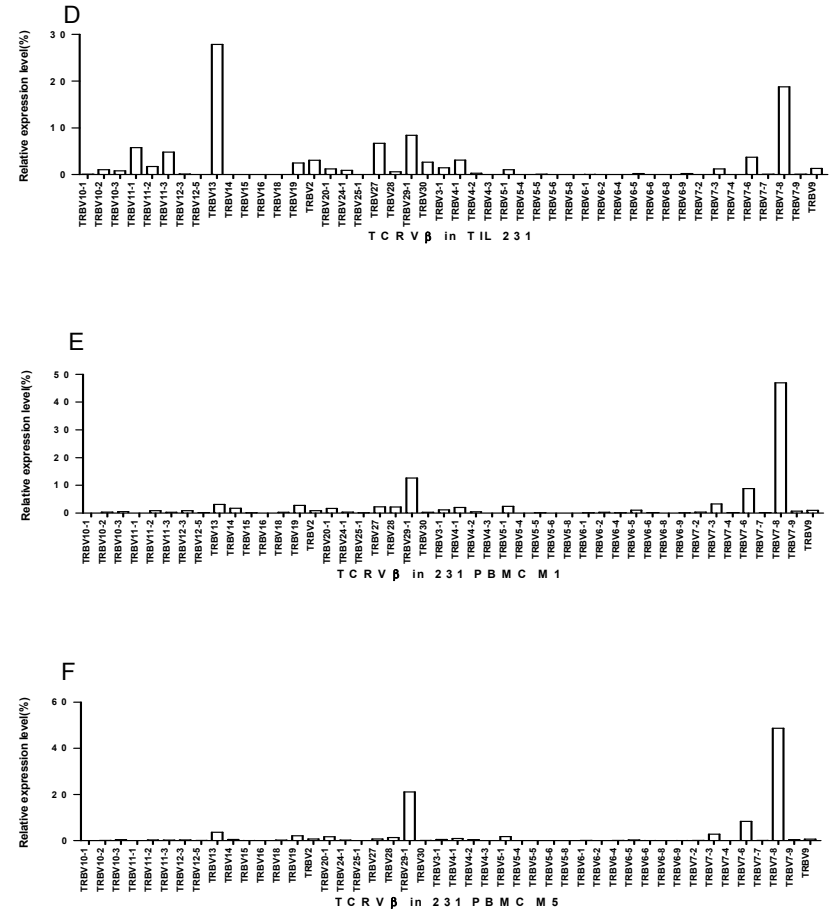
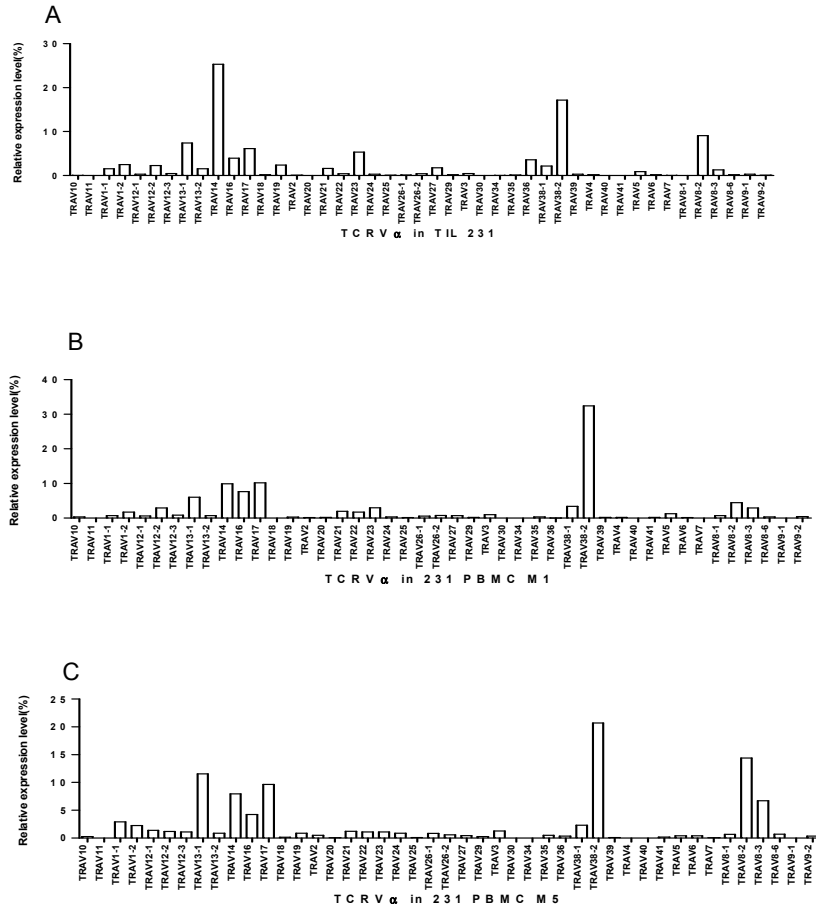


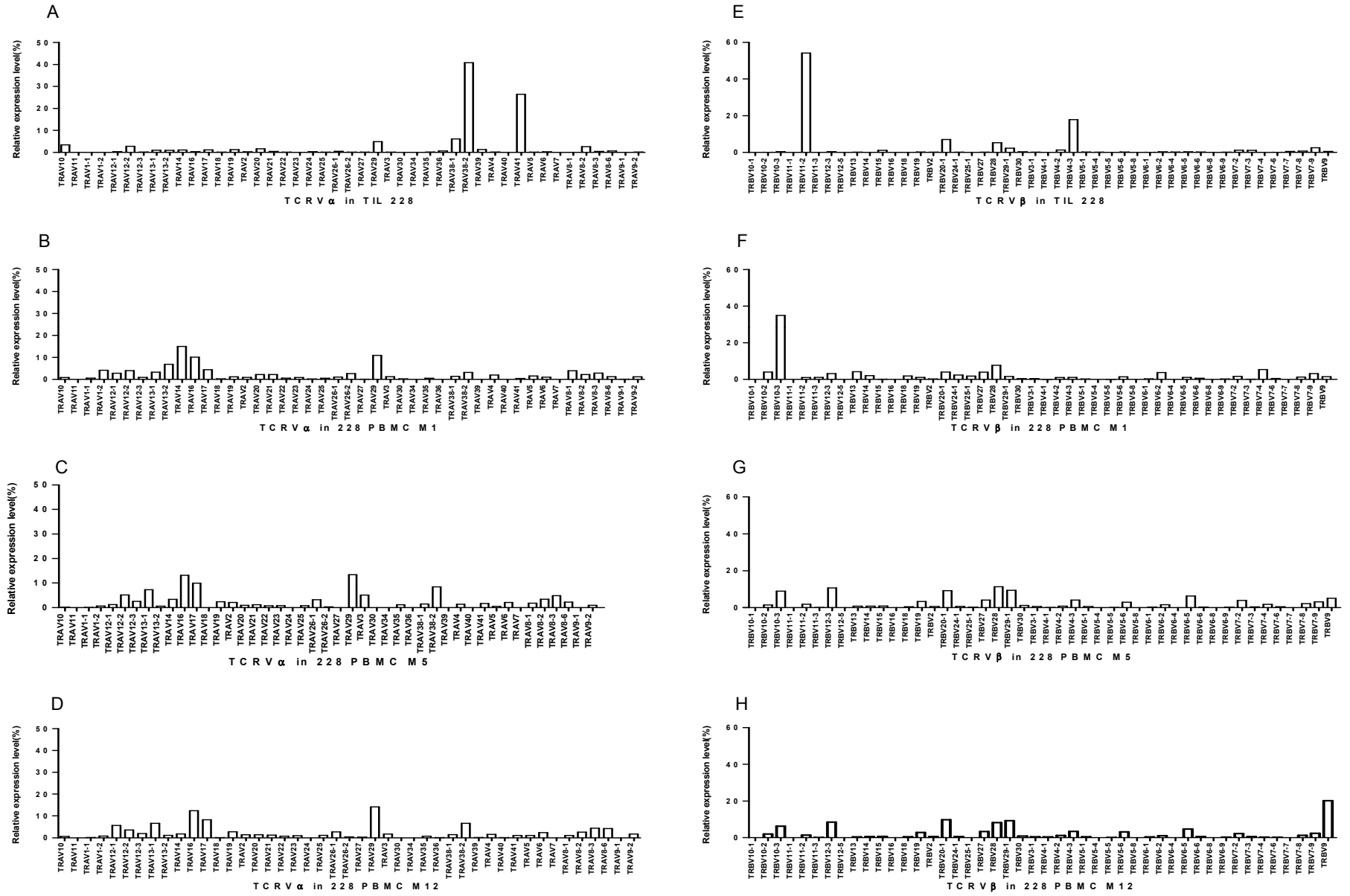
Supplementary Fig. S1. TCR V α and V β gene expression in total RNA from TILs patient 303 and patient 232. Data shown is the average of triplicates with standard deviation. (A-B) TCR V α and V β genes expressed in TIL 303. (C-D) TCR V α and V β genes expressed in TIL 232.



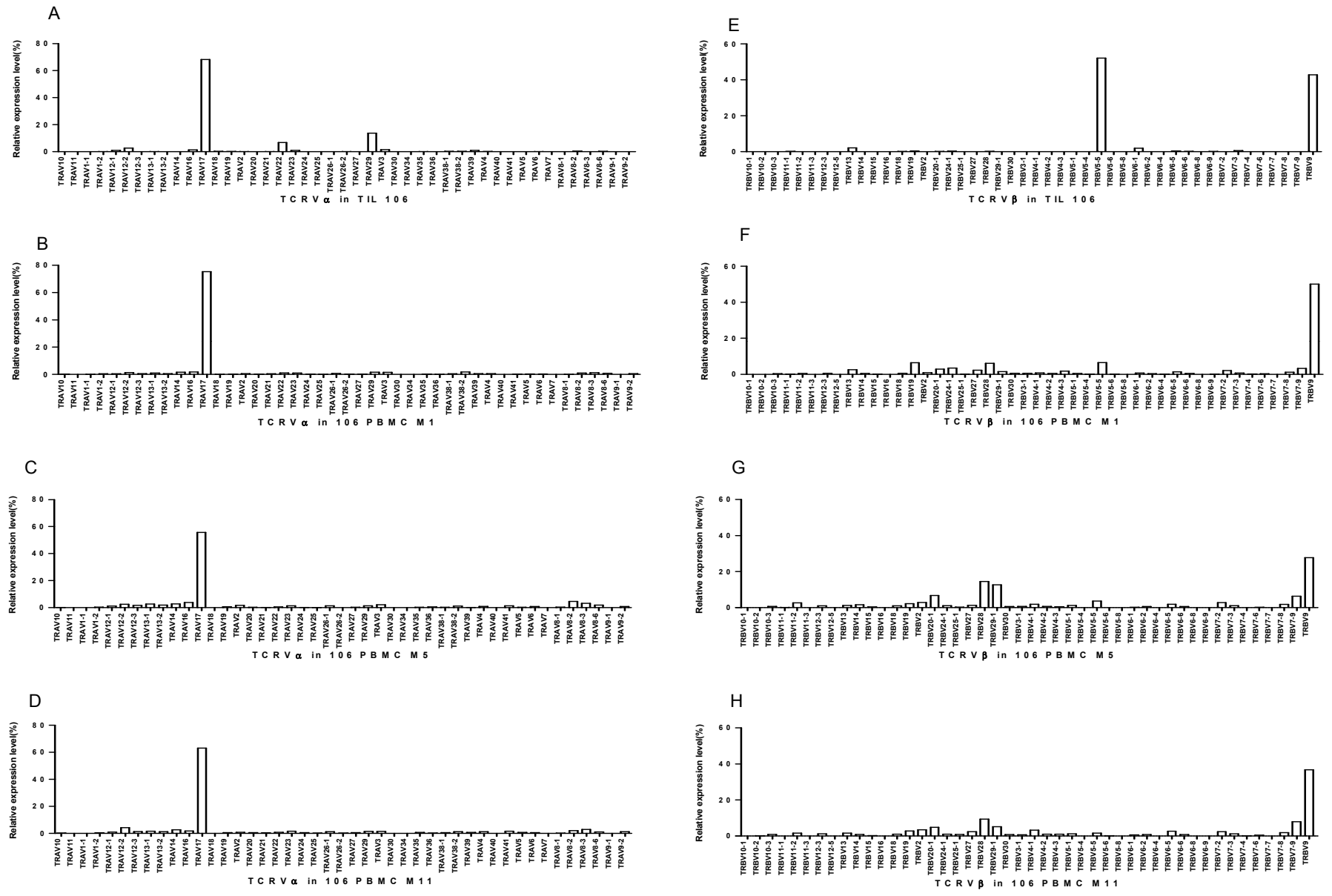
Supplementary Fig S2. Global measurement of TCR V α (A-C) and TCR V β (D-F) gene expression in patient 231 including *in vitro* rapid expanded TIL (A and D) and PBMC (B-C and E-F) collected after TIL infusion.



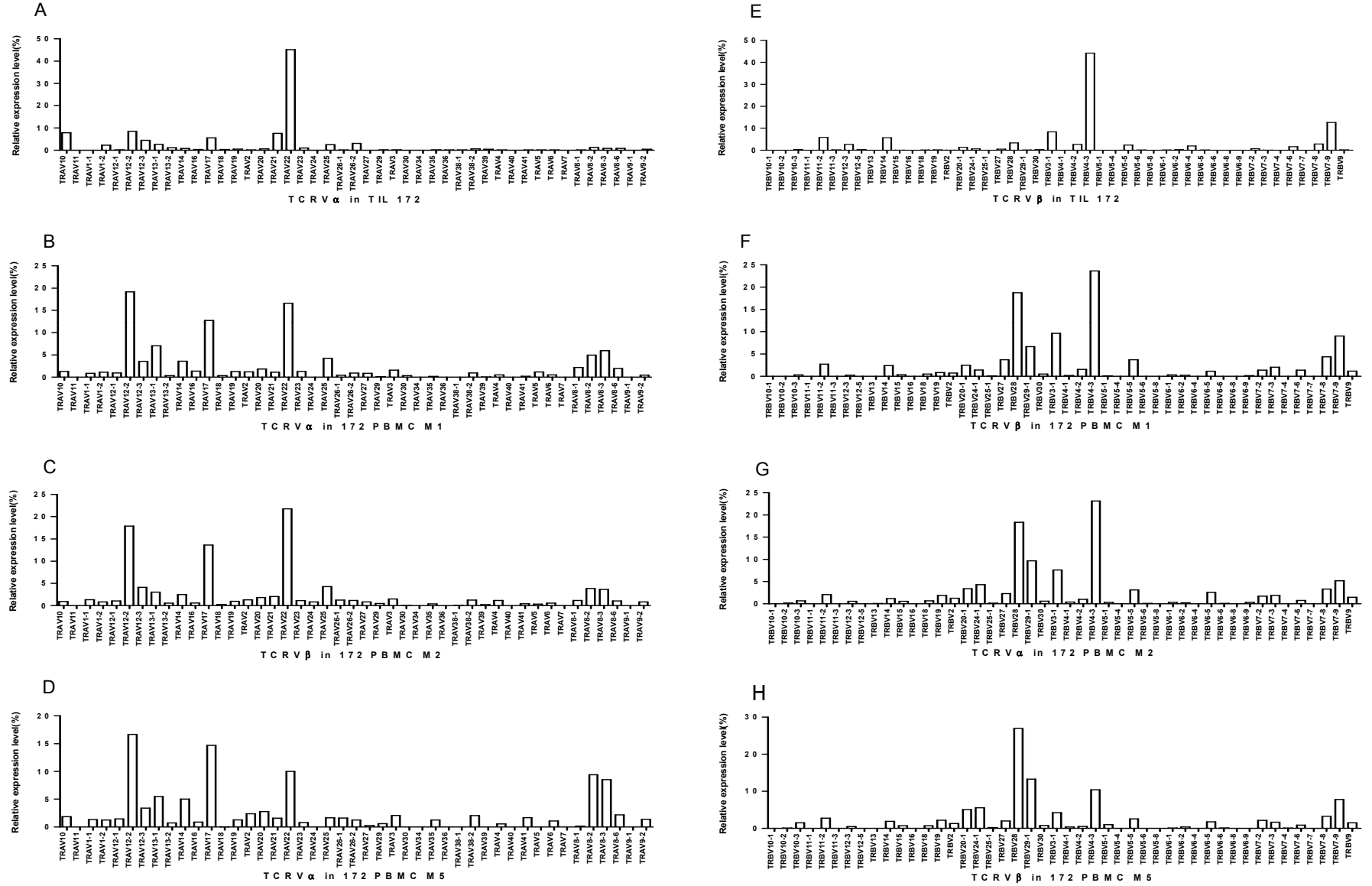
Supplemental Fig S3. Global measurement of TCR V α (A-D) and TCR V β (E-H) gene expression in patient 228 including *in vitro* rapid expanded TIL (A and E) and PBMC (B-D) and (F-H) collected after TIL infusion.



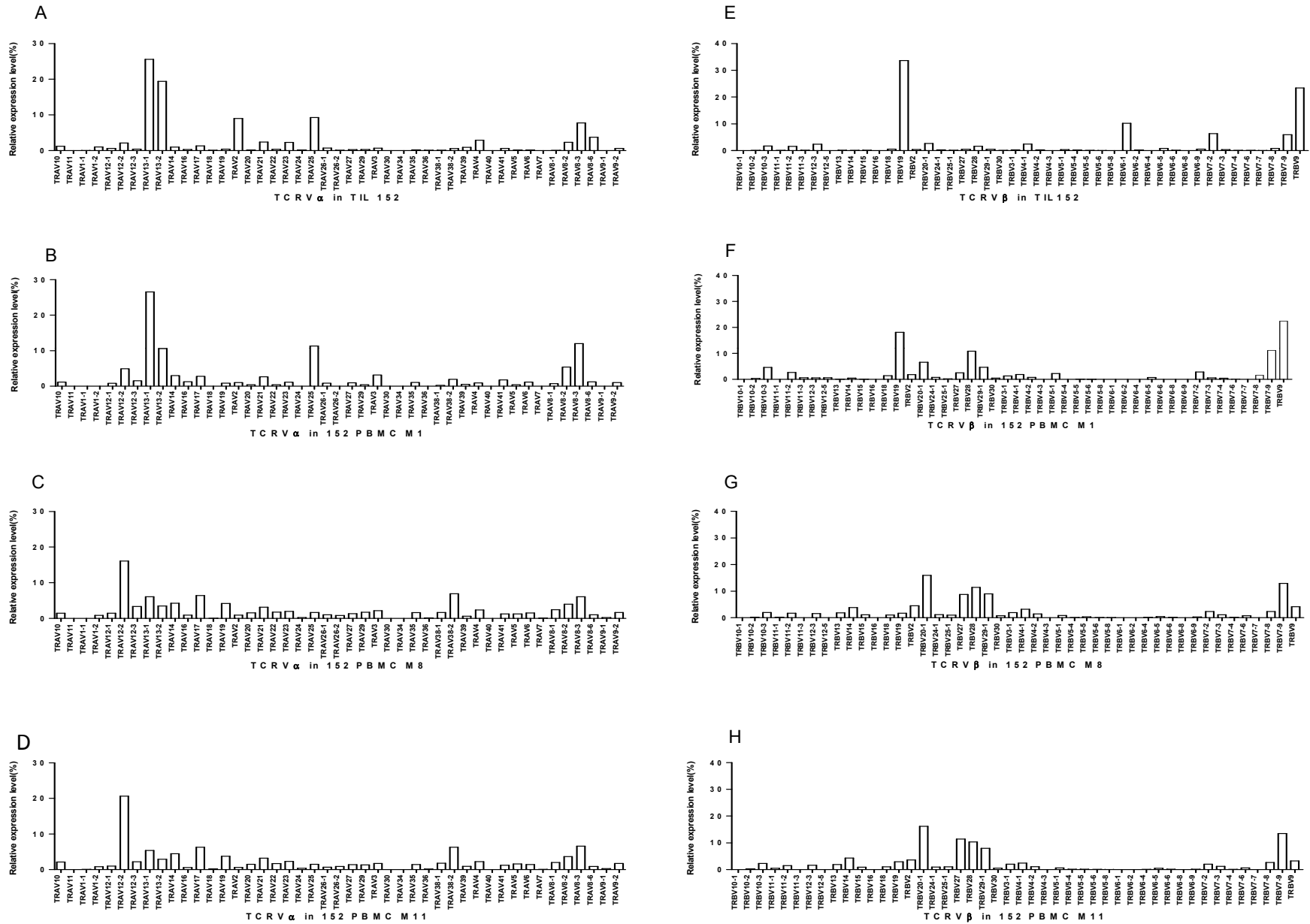
Supplementary Fig S4. Global measurement of TCR V α (A-D) and TCR V β (E-H) gene expression in patient 106 including *in vitro* rapid expanded TIL (A and E) and PBMC (B-D) and (F-H) collected after TIL infusion.



Supplementary Fig S5. Global measurement of TCR V α (A-D) and TCR V β (E-H) gene expression in patient 172 including *in vitro* rapid expanded TIL (A and E) and PBMC (B-D) and (F-H) collected after TIL infusion.



Supplementary Fig S6. Global measurement of TCR V α (A-D) and TCR V β (E-H) gene expression in patient 152 including *in vitro* rapid expanded TIL (A and E) and PBMC (B-D) and (F-H) collected after TIL infusion.



Supplementary Fig S7. Global measurement of TCR V α (A-D) and TCR V β (E-H) gene expression in patient 188 including *in vitro* rapid expanded TIL (A and E) and PBMC (B-D) and (F-H) collected after TIL infusion.

