



**Supplementary figure 3 Gene expression values of the feature genes for cluster 7. A:** EGFR. **B:** CEBPD. **C:** KLF5. **D:** YAP1. **E:** LATS2. **F:** NFIB. **G:** LRRC49. **H:** ARHGAP29. **I:** CD28. **J:** CD86. **K:** CTLA4