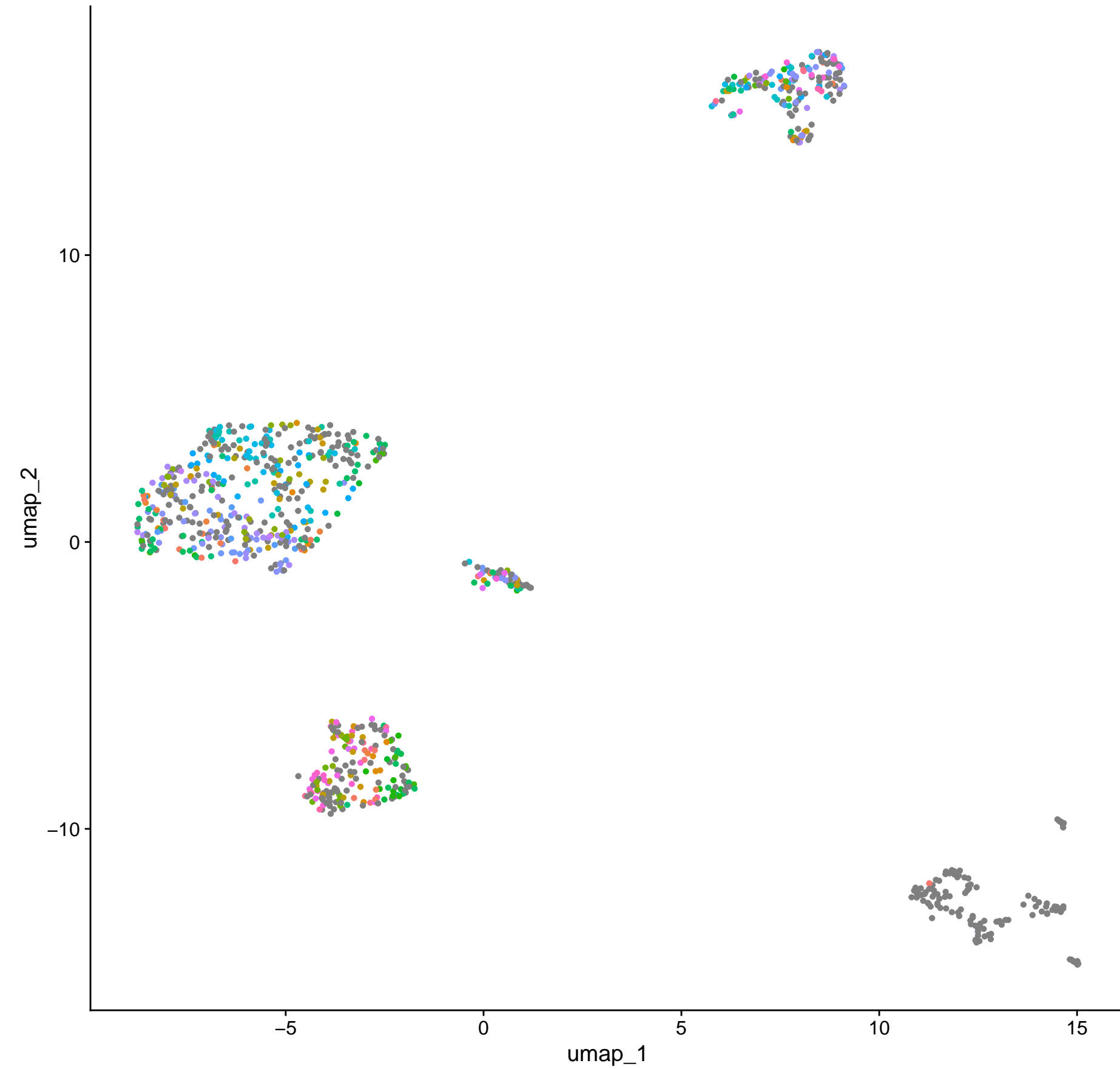


# TCR v gene, contig 1

HH117-SI-MILF-INF-HLADR-AND-CD19



- |           |            |           |           |
|-----------|------------|-----------|-----------|
| IGHV1-18  | IGHV3-72   | IGKV1-39  | IGKV6D-21 |
| IGHV1-2   | IGHV3-74   | IGKV1-5   | IGLV1-40  |
| IGHV1-3   | IGHV3-9    | IGKV1-6   | IGLV1-44  |
| IGHV1-46  | IGHV4-30-4 | IGKV1-8   | IGLV1-47  |
| IGHV1-58  | IGHV4-34   | IGKV1-9   | IGLV1-51  |
| IGHV1-69D | IGHV4-38-2 | IGKV1D-13 | IGLV2-11  |
| IGHV1-8   | IGHV4-39   | IGKV1D-8  | IGLV2-14  |
| IGHV2-5   | IGHV4-4    | IGKV2-24  | IGLV2-23  |
| IGHV3-11  | IGHV4-59   | IGKV2-28  | IGLV2-8   |
| IGHV3-15  | IGHV4-61   | IGKV2-30  | IGLV3-1   |
| IGHV3-21  | IGHV5-51   | IGKV2D-29 | IGLV3-10  |
| IGHV3-23  | IGHV6-1    | IGKV3-11  | IGLV3-19  |
| IGHV3-30  | IGHV7-4-1  | IGKV3-15  | IGLV3-21  |
| IGHV3-33  | IGKV1-12   | IGKV3-20  | IGLV4-60  |
| IGHV3-43  | IGKV1-16   | IGKV3D-15 | IGLV4-69  |
| IGHV3-48  | IGKV1-17   | IGKV4-1   | IGLV7-43  |
| IGHV3-53  | IGKV1-27   | IGKV5-2   | IGLV7-46  |
| IGHV3-7   | IGKV1-33   | IGKV6-21  | NA        |