Figure S1

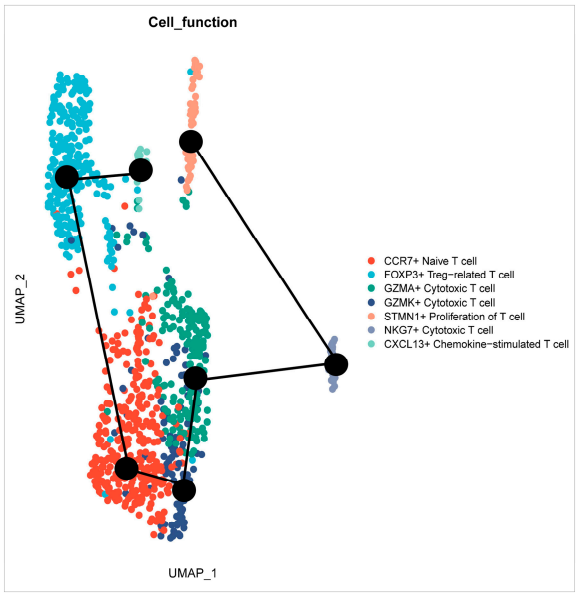


Figure S1 CD4+T Cell differentiation trajectory analyzed using the Slingshot algorithm.

Figure S2

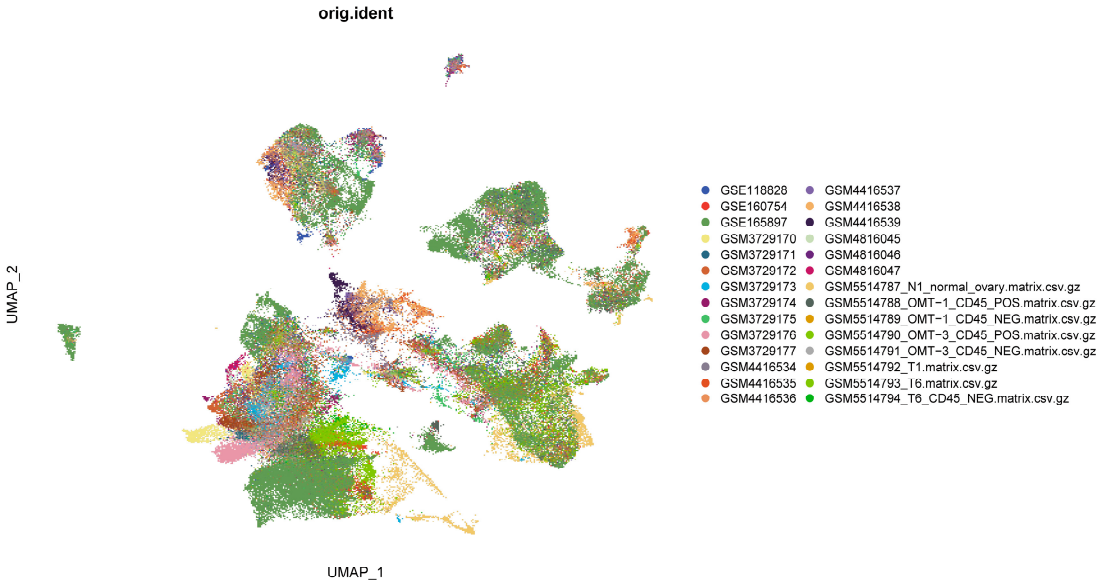


Figure S2 The UMAP dimensionality reduction graph of the different samples in OCSCDs.

Figure S3

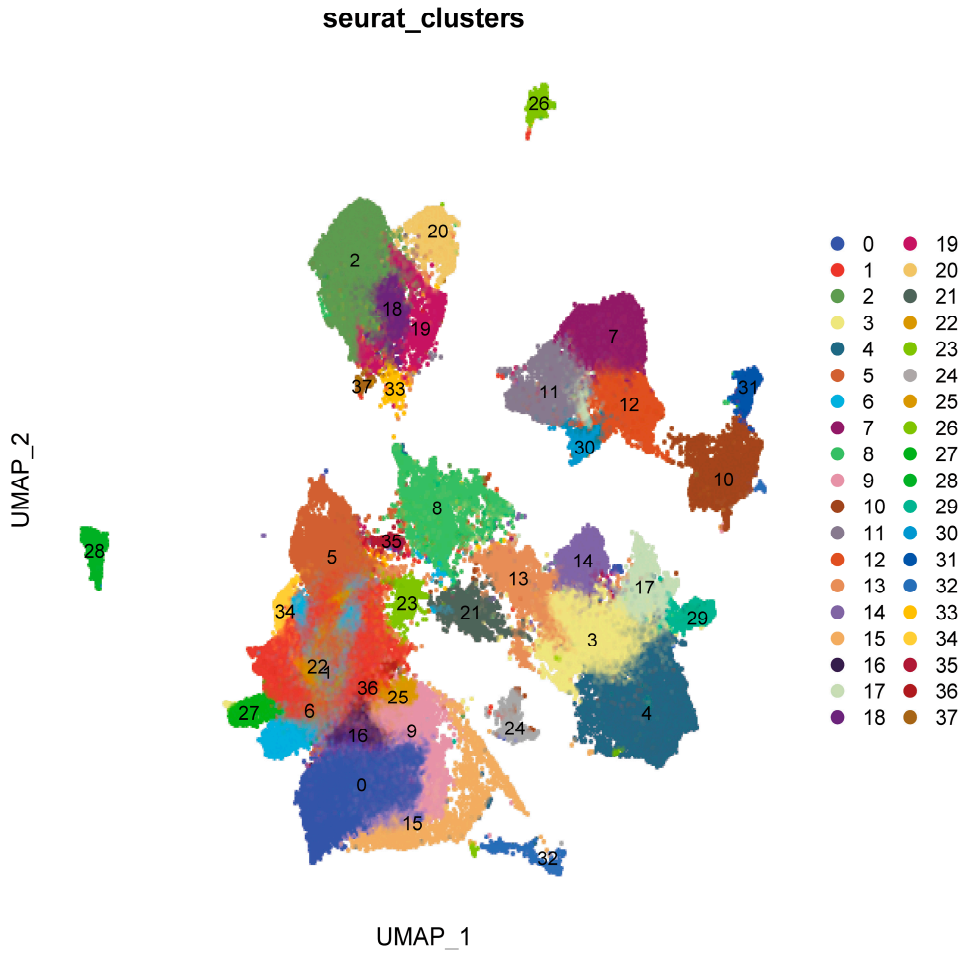


Figure S3 The UMAP dimensionality reduction graph of the primitive clusters in OCSCDs.

Figure S4

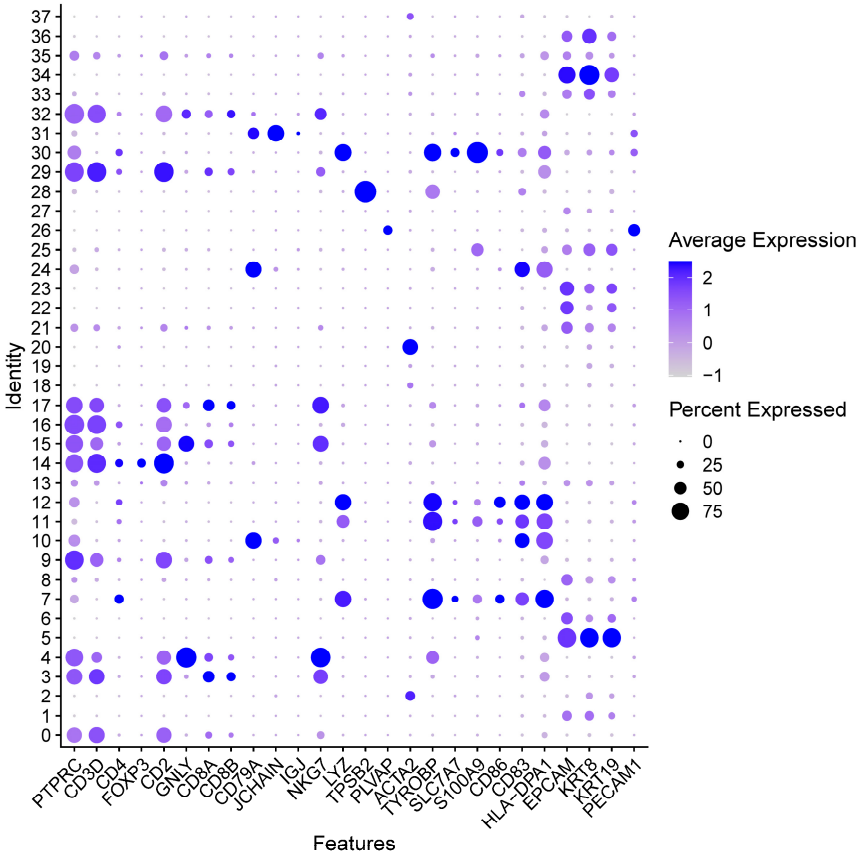


Figure S4 The expression levels of marker genes in different clusters of OCSCDs.

Table S1 The primer sequence used in this study.

Gene	GenBank Accession	Sequence（5’- 3’）
FOXP3	NM_002046.7	F ACACTGCOCCTAGTCATGGT
		R CGTTGAGAGCTGGTGCATGA
TGF-β	NM_000660	F CTAATGGTGGAAACCCACAACG
		R TATCGCCAGGAATTGTTGCTG
IL10	NM_000572.3	F GACTTTAAGGGTTACCTGGGTTG
		R TCACATGCGCCTTGATGTCTG
GAPDH	NM_001256799	F TCGGAGTCAACGGATTTGGT
		R TTCCCGTTCTCAGCCTTGAC