## **SUPPLEMENTARY TABLE**

GEO id	Samples	Туре	Role
GSE153434	10 TAAD and 10 HC	bulk RNA-seq	Training sets
GSE98770	6 TAAD and 5 HC	bulk RNA-seq	Test sets
GSE52093	7 TAAD and 5 HC	bulk RNA-seq	Test sets
GSE190635	4 TAAD and 4 HC	Whole-genome RNA-seq	Test sets
GSE213740	6 TAAD and 3 HC	single-cell RNA-seq	Exploring sets

Supplementary	Table 1. Datasets	s used in this study.	