

Supplemental Table S1. Clinical Characteristics of TAO Samples

Characteristic	TAO 112	TAO 144	TAO 172
Sex	Female	Female	Male
Age, yr	73	63	41
Disease duration, yr	14	5	4
Laboratory test			
Free T4 (0.85–1.86 ng/dL)	1.30	1.10	1.52
T3 (0.78–1.82 ng/mL)	1.21	0.97	1.11
TSH (0.17–4.05 mIU/L)	0.96	1.551	0.51
TSI bioassay (<140%)	180	305	328
TSH receptor antibody (<1.75 IU/L)	0.41	2.26	1.90
Prior steroid treatment	Yes	Yes	Yes
Prior radiation therapy	No	Yes	No
Thyroid orbitopathy			
Disease grading			
V (optic neuropathy)	No	No	No
I (inflammation) 0–8	3	4	4
S (strabismus) 0–3	3	0	3
Restriction 0–3	1	0	3
Vision index			
Vision	Normal	Normal	Normal
Color vision	Normal	Normal	Normal
Inflammatory index (worst eye/eyelid)			
Chemosis (0–2)	1	0	1
Conjunctival injection (0–1)	0	1	1
Lid injection (0–1)	0	0	1
Lid edema (0–2)	1	2	1
Retrolbulbar ache (0–2)	1	1	0
Total (8)	3	4	4
Strabismus/Motility			
Strabismus	3	0	3
Restriction	1	0	3
Appearance/Exposure			
Lid retraction	Yes	Yes	Yes
Proptosis	Yes	Yes	Yes
Tearing	No	No	Yes
Foreign body sensation	No	Yes	Yes
Exophthalmos, mm			
Right/Left	17/12	18/18	22/16
Clinical activity score	4	3	3

TAO, thyroid-associated ophthalmopathy; T4, thyroxine; T3, triiodothyronine; TSH, thyrotropin; TSI, thyroid stimulating immunoglobulin.