Supplementary Table 2.

Articles included in different analysis

Analysis	Total datasets	Total articles	Total patients	Datasets (articles) with short-term follow-up	Patients with short-term follow-up	Datasets (articles) with long-term follow-up	Patients with long-term follow-up	Mutations
Meta-analysis	36	34	311	34 (32)	282	16 (16)	169	DYT-*TOR1A* (N=31, n=269), DYT-*THAP1* (N=3, n=16), NBIA/DYT-*PANK2* (N=2, n=26)
Comparison between *TOR1A* and other genetic dystonias	87	81	432	79 (74)	362	38 (35)	241	DYT-*TOR1A* (N=42, n=306), DYT/PARK-*TAF1* (N=8, n=23), DYT-*THAP1* (N=8, n=24), DYT-*SGCE* (N=14, n=25), NBIA/DYT-*PANK2* (N=8, n=40), CHOR/DYT-*ADCY5* (N=2, n=3), *GNAO1* (N=3, n=8), *ACTB* (N=2, n=3)
Association between age and disease duration and outcomes	70	66	351	64 (60)	297	27 (26)	184	DYT-*TOR1A* (N=34, n=243), DYT/PARK-*TAF1* (N=8, n=23), DYT-*THAP1* (N=8, n=24), DYT-*SGCE* (N=12, n=21), NBIA/DYT-*PANK2* (N=8, n=40)
Single case analysis	13	7	13	12 (6)	12	7 (4)	7	DYT-*PRKRA* (N=1), DYT/PARK-*GCH1* (N=1), DYT/PARK-*GLB1* (N=1), CHOR-*VPS13A* (N=1), DYT-*SGCE*+DYT-*TOR1A* (N=1), SCA-*ATXN2* (N=1), SCA-*ATXN3* (N=1), DYT/PARK-*ATP1A3* (N=2), NBIA/DYT-*DCAF17* (N=1), PxMD-*SLC2A1* (N=1), *ATM* (N=1), trisomy X (N=1)

N = number of datasets
n = number of patients