

Supplement 1: Origin of the 434 ataxia patients of the screening cohort

N=434 index subjects with unexplained early-onset degenerative ataxia (age of onset <40 years) compatible with autosomal recessive inheritance (no ataxia in the parental generation) were compiled from 7 different European ataxia centers. In total, these patients originated from 36 different countries, with the largest share (67%) from Italy, Germany or France.

Germany	99
France	82
Italy	111
Greece	5
Russia	11
Belgium	35
Turkey	20
Slovakia	1
Macedonia	1
Ghana	1
Syria	2
Algeria	30
Portugal	5
Spain	4
Croatia	2
Bosnia	1
United Arab Emirates	1
Nepal	1
Netherlands	1
Kurdistan	1
India	1
Iraq	1
Slovenia	1
Lebanon	3
Pakistan	1
Poland	1
Philippines	2
Jewish	1
Armenian	1
Marocco	1
Moldova	2
Senegal	1
Benin	1
Guinea	1
Romonia	1
West Indies	1
total subjects	434