Supplementary Table S1. Diagnosis and Demographics of Patients with Different *PSEN, PICALM, ABCA7* and *SNCA* genotypes.

GENOTYPE	DIAGNOSIS	GENOTYPE	DIAGNOSIS	GENOTYPE	DIAGNOSIS	GENOTYPE	DIAGNOSIS
PSEN TT *(n=7, 3F and 4M; age: 70.71±3.99)*	NCD mixed dementia	***PICALM CC*** *(n=7, 3F and 4M, age: 74.41±5.47)*	NCD mixed dementia	***ABCA7 TT*** *(n=10, 6F and 4M; age: 75.18±5.13)*	NCD mixed dementia	***SNCA GG*** *(n=4, 2F and 2M, age: 68±7.79)*	NCD mixed dementia
	PD		NCD		NCD mixed dementia		Ataxia
	NCD mixed dementia		NCD mixed dementia		NCD mixed dementia		PD
	NCD		NCD mixed dementia		NCD mixed dementia		PD
	NCD-AD		NCD		Encephalopathy	***SNCA GA*** *(n=5, 2F and 3M, age: 68.8±6.98)*	NCD mixed dementia
	Encephalopathy		NCD		NCD-AD		PD
	PD		Vascular headache		NCD-AD		PD
PSEN GT *(n=7, 4F and 3M; age: 68.57±5.74)*	PD	***PICALM CT*** *(n=7, 3F and 4M, age: 72±3.79)*	NCD mixed dementia		NCD-AD		NCD
	NCD mixed dementia		NCD mixed dementia		Vascular headache		PD
	PD		NCD mixed dementia		Encephalopathy	***SNCA AA*** *(n=7, 3F and 4M, age: 70.86±3.72)*	PD
	PD		NCD	***ABCA7 TG*** *(n=3, 3F and 3M; age: 74.56±5.28)*	NCD mixed dementia		PD
	NCD mixed dementia		NCD		NCD mixed dementia		PD
	Vascular headache		NCD mixed dementia		NCD mixed dementia		NCD
	Encephalopathy		NCD		NCD mixed dementia		Encephalopathy
PSEN GG *(n=6, 3F and 3M; age: 72.86±2.27)*	NCD mixed dementia		NCD-AD		Encephalopathy		Vascular headache
	NCD	***PICALM TT*** *(n=5, 3F and 2M, age: 74.29±6.58)*	NCD		NCD-AD		Encephalopathy
	NCD mixed dementia		NCD-AD	***ABCA7 GG*** *(n=7, 3F and 4M; age: 67.8±7,63)*	NCD mixed dementia		
	PD		Vascular headache		NCD mixed dementia		
	NCD		NCD		NCD mixed dementia		
	Encephalopathy		NCD		NCD mixed dementia		
					Encephalopathy		
					Cephalea		
					Encephalopathy		

AD, Alzheimer´s disease; Genotypes: AA, CC, CT, GA, GG, GT, TG, TT; NCD, neurocognitive disorder; PD, Parkinson´s disease; Sex: M, male; F, female.