Clusters registered at the CENISO Brazil

Country Region	Pattern of Inheritance	Condition	OMIM	Reference
North Region				
	Amb	Minamata disease		1, 2, 3
	AR	Sickle Cell Disease*	#603903	4, 5, 6, 7, 8
Northeast Region				
	AR	Acheiropody	#200500	9, 10
	AR	Oculocutaneous Albinism*	#203200 / #203100	11, 12, 13, 14, 15
	AD	Aniridia	#106210	16
	AR	Berardinelli-Seip Syndrome – Lipodystrophy, congenital generalized, type 2 (CGL2)*	#269700	17
	AR	Chondrodysplasia Grebe-Quelce-Salgado*	#200700	18
	AR	Chondrodysplasia, Blomstrand type*	#215045	19, 20
	AR	Chylomicronemia, familial		21, 22
	AR	Deafness, autosomal recessive 1A (DFNB1A)	#220290	23
	AR	Ellis-van Creveld syndrome	#225500	24
	AMB	Fetal Thalidomide Syndrome		25
	AD	Fish-eye disease (LCATA deficiency)*	#136120	26
	AR	Gaucher disease, type I	#230800	27, 28
	AR	Growth hormone deficiency	#262400	29, 30
	AD	Huntington disease*	#143100	31, 32, 33, 34, 35
	AR	Hypothyroidism		36
	AR	Laron syndrome	#262500	37, 38
	AD	Machado-Joseph disease – SCA3*	#109150	39
	AR	Mucopolysaccharidosis type III*	#252930	40
	AR	Mucopolysaccharidosis type IV*	#253000	7, 41
	AR	Mucopolysaccharidosis type VI	#253200	42, 43
	AR	Phenylketonuria	#261600	44, 45
	AR	Pycnodysostosis*	#265800	46, 47

Country Region	Pattern of Inheritance	Condition	OMIM	Reference
	AR	Santos syndrome	#613005	48
	AR	Sickle cell disease*	#603903	5, 49, 50
	AD	Spinocerebellar ataxia 7 (SCA 7)	#164500	51, 52
	AR	SPOAN syndrome*	#609541	53, 54, 55, 56
	AD	Thyroid carcinoma, familial Medullary	#155240	57, 58
	AD	Trichoepithelioma, multiple familial, 1	#601606	59
	AR	Usher syndrome	#276900	60
Midwest Region				
	AR	High prevalence of the null GSTM1/GSTT1 haplotype	#138350	61
	AR	Xeroderma pigmentosum, group D(XPD)	#278730	62
Southeast Region				
	AR	Acheiropody*	200500	9, 10
	AR	Albinism, oculocutaneous (OCA1)		13, 63
	AR	Amelogenesis imperfecta, (enamel-renal syndrome)*	204690	64
	AMB	Anencephaly		65
	AR	Cartilage-hair hypoplasia (CHH)	250250	66
	AR	Cerebellar Trigeminal Dermal Dysplasia Gómez-López-Hernández		67
	AR	Dandy-Walker Syndrome (DWS)		68
	AR	Fraser syndrome		69
	AD	Huntington disease	143100	35
	AD	Machado-Joseph disease- SCA3	109150	70
	AR	Limb-girdle muscular dystrophy type 2G/R7 (LGMD2G/R7)*	601954	71
	AR	Mucopolysaccharidosis type III	252930	40
	AR	Neu-Laxova syndrome	256520	72
	MF	Orofacial cleft	119530	73

Country Region	Pattern of Inheritance	Condition	OMIM	Reference
	AR	Osteogenesis imperfecta, type IV	166220	74
	AR	Sickle cell disease	603903	5
	MF	Skin Cancer		75, 76
	AD	Spinocerebellar ataxia 7 (SCA7)	164500	77
South Region				
	AR	Albinism, oculocutaneous *	203200	13, 78,79, 80, 81
	MF	Celiac Disease*		82
	AR	Acheiropody*	200500	9, 83
	AD	Hereditary Adrenocortical Carcinoma		84
	MF	Rheumatoid arthritis	180300	85
	MF	Twinning		86, 87
	AR	GM1-gangliosidosis, type I	230500	88, 89, 90
	AR	Galactosemia	230400	91
	AD	Machado-Joseph disease- SCA3*	109150	92
	AR	Consanguinity		93
	AR	Growth Hormone Insensitivity – STAT5B Deficiency	245590	94

Legends: * refers to hubs - clusters of the same hub were amalgamated; ; AR: Autosomal recessive; AD: Autosomal dominant; XL: X-linked; MF: Multifactorial, ENV: Environmental

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