category	name	value
ID	Swab code	# 31001602121436
ID	Name	Gonnagitcha`s Montecilla MoMo
ID	Sex	Female
Breed mix	Spanish Water Dog	100
Breed mix	Trace breeds	-
Genetic Stats	Wolfiness	LOW 0.6
Genetic Stats	Predicted Adult Weight	36.80 lbs
Lineage	MT Haplotype	B45_MT
Lineage	MT Haplogroup	B1_MT
Lineage	Y Haplotype	
Lineage	Y Haplogroup	
Health	Multidrug Sensitivity (MDR1)	clear
Health	Alanine Aminotransferase Activity (GPT)	at risk, heterozygote codominant
Health	P2RY12 Defect (P2RY12)	clear
Health	Factor IX Deficiency, Hemophilia B (F9 Exon 7, Terrier Variant)	clear
Health	Factor IX Deficiency, Hemophilia B (F9 Exon 7, Rhodesian Ridgeback Variant)	clear
Health	Factor VII Deficiency (F7 Exon 5)	clear
Health	Factor VIII Deficiency, Hemophilia A (F8 Exon 10, Boxer Variant)	clear
Health	Factor VIII Deficiency, Hemophilia A (F8 Exon 11, Shepherd Variant 1)	clear
Health	Factor VIII Deficiency, Hemophilia A (F8 Exon 1, Shepherd Variant 2)	clear
Health	Thrombopathia (RASGRP2 Exon 5, Basset Hound Variant)	clear

Health	Thrombopathia (RASGRP2 Exon 8)	clear
Health	Thrombopathia (RASGRP2 Exon 5, American Eskimo Dog Variant)	clear
Health	Von Willebrand Disease Type II (VWF Exon 28)	clear
Health	Von Willebrand Disease Type III (VWF Exon 4)	clear
Health	Von Willebrand Disease Type I (VWF)	clear
Health	Canine Leucocyte Adhesion Deficiency Type III (FERMT3)	clear
Health	Congenital Macrothrombocytopenia (TUBB1 Exon 1, Cavalier King Charles Spaniel Variant)	clear
Health	Canine Elliptocytosis (SPTB Exon 30)	clear
Health	Glanzmann's Thrombasthenia Type I (ITGA2B Exon 13)	clear
Health	Glanzmann's Thrombasthenia Type I (ITGA2B Exon 12)	clear
Health	May-Hegglin Anomaly (MYH9)	clear
Health	Prekallikrein Deficiency (KLKB1 Exon 8)	clear
Health	Pyruvate Kinase Deficiency (PKLR Exon 5)	clear
Health	Pyruvate Kinase Deficiency (PKLR Exon 7 Labrador Variant)	clear
Health	Pyruvate Kinase Deficiency (PKLR Exon 7 Pug Variant)	clear
Health	Pyruvate Kinase Deficiency (PKLR Exon 7 Beagle Variant)	clear
Health	Pyruvate Kinase Deficiency (PKLR Exon 10)	clear
Health	Trapped Neutrophil Syndrome (VPS13B)	clear
Health	Ligneous Membranitis (PLG)	clear
Health	Congenital hypothyroidism (TPO Variant 1)	clear
Health	Complement 3 (C3) deficiency (C3)	clear
Health	Severe Combined Immunodeficiency (PRKDC)	clear
Health	Severe Combined Immunodeficiency (RAG1)	clear
Health	X-linked Severe Combined Immunodeficiency (IL2RG Variant 1)	clear
Health	X-linked Severe Combined Immunodeficiency (IL2RG Variant 2)	clear
Health	Progressive Retinal Atrophy (PRA) Rod-cone dysplasia, rcd1 (PDE6B Exon 21 Irish Setter Variant)	clear
Health	Progressive Retinal Atrophy (PRA) Rod-cone dysplasia, rcd1a (PDE6B Exon 21 Sloughi Variant)	clear
Health	Progressive Retinal Atrophy (PRA) Rod-cone dysplasia, rcd3 (PDE6A)	clear

Health	Progressive Retinal Atrophy (PRA) (CNGA1 Exon 9)	clear
Health	Progressive Retinal Atrophy (PRA) Progressive rod-cone degeneration (PRCD Exon 1)	clear
Health	Progressive Retinal Atrophy (PRA) (CNGB1)	clear
Health	Progressive Retinal Atrophy (PRA) (SAG)	clear
Health	Progressive Retinal Atrophy (PRA) Golden Retriever PRA 2 (TTC8)	clear
Health	Progressive Retinal Atrophy (PRA) Cone-rod dystrophy 1, crd1 (PDE6B)	clear
Health	Progressive Retinal Atrophy (PRA) Cone-rod dystrophy 2, crd2 (IQCB1)	clear
Health	Progressive Retinal Atrophy (PRA) Cone-rod dystrophy, crd4/cord1 (RPGRIP1)	clear
Health	Collie Eye Anomaly, Choroidal hypoplasia (NHEJ1)	clear
Health	Day blindness, Achromatopsia, Cone Degeneration (CNGB3 Exon 6)	clear
Health	Achromatopsia (CNGA3 Exon 7 German Shepherd Variant)	clear
Health	Achromatopsia (CNGA3 Exon 7 Labrador Retriever Variant)	clear
Health	Autosomal Dominant Progressive Retinal Atrophy (RHO)	clear
Health	Canine Multifocal Retinopathy cmr1 (BEST1 Exon 2)	clear
Health	Canine Multifocal Retinopathy cmr2 (BEST1 Exon 5)	clear
Health	Canine Multifocal Retinopathy cmr3 (BEST1 Exon 10 Deletion)	clear
Health	Canine Multifocal Retinopathy cmr3 (BEST1 Exon 10 SNP)	clear
Health	Glaucoma Primary Open Angle Glaucoma (ADAMTS10 Exon 9)	clear
Health	Glaucoma Primary Open Angle Glaucoma (ADAMTS10 Exon 17)	clear
Health	Glaucoma Primary Open Angle Glaucoma (ADAMTS17 Exon 12)	clear
Health	Hereditary Cataracts, Early-Onset Cataracts, Juvenile Cataracts (HSF4 Exon 9 Boston Terrier Variant)	clear
Health	Primary Lens Luxation (ADAMTS17)	clear
Health	Congenital stationary night blindness (RPE65)	clear
Health	2,8-Dihydroxyadenine (2,8-DHA) Urolithiasis (APRT)	clear
Health	Cystinuria Type I-A (SLC3A1)	clear
Health	Cystinuria Type II-A (SLC3A1)	clear
Health	Cystinuria Type II-B (SLC7A9)	clear

Health	Hyperuricosuria and Hyperuricemia or Urolithiasis (SLC2A9)	clear
Health	Polycystic Kidney Disease (PKD1)	clear
Health	Primary Hyperoxaluria (AGXT)	clear
Health	Protein Losing Nephropathy (NPHS1)	clear
Health	X-Linked Hereditary Nephropathy (COL4A5 Exon 35)	clear
Health	Autosomal Recessive Hereditary Nephropathy (COL4A4 Exon 30)	clear
Health	Autosomal Recessive Hereditary Nephropathy (COL4A4 Exon 3)	clear
Health	Primary Ciliary Dyskinesia (CCDC39 Exon 3)	clear
Health	Congenital Keratoconjuctivitis Sicca and Ichthyosiform Dermatosis (CKCSID), Dry Eye Curly Coat Syndrome (FAM83H Exon 5)	clear
Health	X-linked Ectodermal Dysplasia, Anhydrotic Ectoderal Dysplasia (EDA Intron 8)	clear
Health	Renal Cystadenocarcinoma and Nodular Dermatofibrosis (RCND) (FLCN Exon 7)	clear
Health	Glycogen Storage Disease Type II, Pompe's Disease (GAA)	clear
Health	Glycogen Storage Disease Type Ia, Von Gierke Disease (G6PC)	clear
Health	Glycogen Storage Disease Type IIIa (GSD IIIa) (AGL)	clear
Health	Mucopolysaccharidosis Type IIIA, Sanfilippo Syndrome Type A (SGSH Exon 6 Variant 1)	clear
Health	Mucopolysaccharidosis Type IIIA, Sanfilippo Syndrome Type A (SGSH Exon 6 Variant 2)	clear
Health	Mucopolysaccharidosis Type VII, Sly Syndrome (GUSB Exon 5)	clear
Health	Mucopolysaccharidosis Type VII, Sly Syndrome (GUSB Exon 3)	clear
Health	Glycogen storage disease Type VII, Phosphofructokinase deficiency (PFKM Exon 21)	clear
Health	Glycogen storage disease Type VII, Phosphofructokinase deficiency (PFKM Exon 8)	clear
Health	Lagotto Storage Disease (ATG4D)	clear
Health	Neuronal Ceroid Lipofuscinosis 1 (PPT1 Exon 8)	clear
Health	Neuronal Ceroid Lipofuscinosis 2 (TPP1 Exon 4)	clear
Health	Neuronal Ceroid Lipofuscinosis 1 (ARSG Exon 2)	clear
Health	Neuronal Ceroid Lipofuscinosis 1 (CLN5 Exon 4 Variant 1)	clear
Health	Neuronal Ceroid Lipofuscinosis 6 (CLN6 Exon 7)	clear
Health	Neuronal Ceroid Lipofuscinosis 8 (CLN8 Exon 2)	clear

Health	Neuronal Ceroid Lipofuscinosis (MFSD8)	clear
Health	Neuronal Ceroid Lipofuscinosis (CLN8)	clear
Health	Neuronal Ceroid Lipofuscinosis 10 (CTSD Exon 5)	clear
Health	Neuronal Ceroid Lipofuscinosis (CLN5 Exon 4 Variant 2)	clear
Health	Adult-Onset Neuronal Ceroid Lipofuscinosis (ATP13A2)	clear
Health	Gangliosidosis GM1 Gangliosidosis (GLB1 Exon 15 Shiba Inu Variant)	clear
Health	Gangliosidosis GM1 Gangliosidosis (GLB1 Exon 15 Alaskan Husky Variant)	clear
Health	Gangliosidosis GM1 Gangliosidosis (GLB1 Exon 2)	clear
Health	Gangliosidosis GM2 Gangliosidosis (HEXB Exon 3)	clear
Health	Gangliosidosis GM2 Gangliosidosis (HEXA)	clear
Health	Globoid Cell Leukodystrophy, Krabbe's disease (GALC Exon 5)	clear
Health	Autosomal Recessive Amelogenesis Imperfecta (ENAM)	clear
Health	Persistent Mullerian Duct Syndrome (AMHR2)	clear
Health	Alaskan Husky Encephalopathy, Subacute Necrotizing Encephalomyelopathy (SLC19A3)	clear
Health	Alexander Disease (GFAP)	clear
Health	Cerebellar Abiotrophy, Neonatal Cerebellar Cortical Degeneration (SPTBN2)	clear
Health	Cerebellar Ataxia, Progressive Early-Onset Cerebellar Ataxia (SEL1L)	clear
Health	Cerebellar Hypoplasia (VLDLR)	clear
Health	Spinocerebellar Ataxia, Late-Onset Ataxia (CAPN1)	clear
Health	Spinocerebellar Ataxia with Myokymia and/or Seizures (KCNJ10)	clear
Health	Benign Familial Juvenile Epilepsy, Remitting Focal Epilepsy (LGI2)	clear
Health	Degenerative Myelopathy (SOD1 Exon 2)	clear
Health	Fetal-Onset Neonatal Neuroaxonal Dystrophy (MFN2)	clear
Health	Hypomyelination and Tremors (FNIP2)	clear
Health	Shaking Puppy Syndrome, X-linked Generalized Tremor Syndrome (PLP)	clear
Health	L-2-Hydroxyglutaricaciduria (L2HGDH)	clear
Health	Neonatal Encephalopathy with Seizures (NEWS) (ATF2)	clear
Health	Polyneuropathy (NDRG1 Exon 15)	clear

Health	Polyneuropathy (NDRG1 Exon 4)	clear
Health	Narcolepsy (HCRTR2 Intron 6)	clear
Health	Progressive Neuronal Abiotrophy (Canine Multiple System Degeneration) (SERAC1 Exon 15)	clear
Health	Progressive Neuronal Abiotrophy (Canine Multiple System Degeneration) (SERAC1 Exon 4)	clear
Health	Hereditary Sensory Autonomic Neuropathy (HSAN), Acral Mutilation Syndrome (GDNF-AS)	clear
Health	Dilated Cardiomyopathy (PDK4)	clear
Health	Long QT Syndrome (KCNQ1)	clear
Health	Muscular Dystrophy Muscular Dystrophy (DMD Cavalier King Charles Spaniel Variant)	clear
Health	Muscular Dystrophy Muscular Dystrophy (DMD Pembroke Welsh Corgi Variant)	clear
Health	Muscular Dystrophy Muscular Dystrophy (DMD Golden Retriever Variant)	clear
Health	Centronuclear Myopathy (PTPLA)	clear
Health	Exercise-Induced Collapse (DNM1)	clear
Health	Inherited Myopathy of Great Danes (BIN1)	clear
Health	Myotonia Congenita (CLCN1 Exon 7)	clear
Health	Myotonia Congenita (CLCN1 Exon 23)	clear
Health	Myotubular Myopathy 1, X-linked Myotubular Myopathy (MTM1)	clear
Health	Hypocatalasia, Acatalasemia (CAT)	clear
Health	Pyruvate Dehydrogenase Deficiency (PDP1)	clear
Health	Malignant Hyperthermia (RYR1)	clear
Health	Imerslund-Grasbeck Syndrome, Selective Cobalamin Malabsorption (CUBN Exon 53)	clear
Health	Imerslund-Grasbeck Syndrome, Selective Cobalamin Malabsorption (CUBN Exon 8)	clear
Health	Congenital Myasthenic Syndrome (CHAT)	clear
Health	Congenital Myasthenic Syndrome (COLQ)	clear
Health	Episodic Falling Syndrome (BCAN)	clear
Health	Dystrophic Epidermolysis Bullosa (COL7A1)	clear
Health	Ectodermal Dysplasia, Skin Fragility Syndrome (PKP1)	clear
Health	Ichthyosis, Epidermolytic Hyperkeratosis (KRT10)	clear

Health	Ichthyosis (PNPLA1)	clear
Health	Focal Non-Epidermolytic Palmoplantar Keratoderma, Pachyonychia Congenita (KRT16)	clear
Health	Hereditary Footpad Hyperkeratosis (FAM83G)	clear
Health	Hereditary Nasal Parakeratosis (SUV39H2)	clear
Health	Musladin-Lueke Syndrome (ADAMTSL2)	clear
Health	Cleft Lip and/or Cleft Palate (ADAMTS20)	clear
Health	Hereditary Vitamin D-Resistant Rickets (VDR)	clear
Health	Oculoskeletal Dysplasia 1, Dwarfism-Retinal Dysplasia 1 (COL9A3)	clear
Health	Osteogenesis Imperfecta, Brittle Bone Disease (COL1A2)	clear
Health	Osteogenesis Imperfecta, Brittle Bone Disease (SERPINH1)	clear
Health	Osteogenesis Imperfecta, Brittle Bone Disease (COL1A1)	clear
Health	Osteochondrodysplasia, Skeletal Dwarfism (SLC13A1)	clear
Health	Skeletal Dysplasia 2 (COL11A2)	clear
Trait	E Locus (Mask/Grizzle/Red)	EE
Trait	K Locus (Dominant Black)	KBKB
Trait	A Locus (Agouti)	AtAt
Trait	D Locus (Dilute)	DD
Trait	B Locus (Brown/Chocolate/Liver)	Bb
Trait	Furnishings / Improper Coat (RSPO2)	FF
Trait	Long Haircoat (FGF5)	TT
Trait	Shedding (MC5R)	CT
Trait	Curly Coat (KRT71)	TT
Trait	Brachycephaly (BMP3)	CC
Trait	Natural Bobtail (T)	CC
Trait	Hind Dewclaws (LMBR1)	CC
Trait	IGF1	NI
Trait	IGF1R	GG
Trait	STC2	TA
Trait	GHR (E195K)	AA
Trait	GHR (P177L)	CC

Trait	Altitude Adaptation (EPAS1)	GG
Trait	Inbreeding Coefficient	0.04999251288852761
Trait	MHC Class II - DLA DRB1	2
Trait	MHC Class II - DLA DQA1 and DQB1	2

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