MNG LABORATORIES
A LabCorp Company

Complete Test List

04292021FULLTESTLIST.54

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For information on contracting with us, please call 678-225-0222 and a customer service representative will direct your call.

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WE GLADLY ACCEPT DELIVERIES MONDAY-SATURDAY, EXCLUDING HOLIDAYS

CPT codes provided here are for reference purpose only. They are not an assurance of approval nor reimbursement.

Test Code	Test Description	CPT Codes	Z Code
	WHOLE GENOME SEQUENCING		
WGS001	MNGenome® TRIO Sequencing	81425, 81426 x2	ZB9JE
WGS002	MNGenome® Additional Comparator (ony available when trio is ordered)	81426	
WGS003	MNGenome® Proband Only Sequencing	81425	
WGS008	MNGenome® DUO Sequencing	81425, 81426	
	WHOLE EXOME SEQUENCING		
WES001	MNG Exome TRIO Sequencing + mtDNA	81415, 81416 x2, 81460, 81465	ZB9EX
WES002	MNG Exome Additional Comparator (only available when trio is ordered)	81416	
WES003	MNG Exome Proband Only Sequencing + mtDNA	81415, 81460, 81465	ZB9JC
WES008	MNG Exome DUO Sequencing + mtDNA	81415, 81416, 81460, 81465	ZB9JD
WES011	MNG Exome TRIO Sequencing	81415, 81416 x2	
WES013	MNG Exome Proband Only Sequencing	81415	
WES018	MNG Exome DUO Sequencing	81415, 81416	
	MNG STAT SERVICES (10-14 DAY TAT)		
NGS418	MNG STAT Actionable Epilepsy (NextGen Sequencing Panel and Copy Number Analysis)	81405 x2, 81406 x3, 81407 x1, 81479	ZB9B8
WES001X	MNG STAT Exome™ TRIO Sequencing + mtDNA	81415, 81416 x2, 81460, 81465	ZB9JB
WES003X	MNG STAT Exome™ Proband Only Sequencing + mtDNA	81415, 81460, 81465	
WES008X	MNG STAT Exome™ DUO Sequencing + mtDNA	81415, 81416, 81460, 81465	
WES013X	MNG STAT Exome™ Proband Only Sequencing	81415	
WES011X	MNG STAT Exome™ TRIO Sequencing	81415, 81416 x2	
WES018X	MNG STAT Exome™ DUO Sequencing	81415, 81416	
WGS001X	MNGenome STAT™ TRIO Sequencing	81425, 81426 x2	
WGS003X	MNGenome STAT™ Proband Only Sequencing	81425	
WGS008X	MNGenome STAT™ DUO Sequencing	81425, 81426	
	CARRIER SCREENING		
WES006	MNG Carrier Exome Sequencing and Copy Number Analysis + mtDNA (for couples only)	81479, 81415	ZB9J6
	HEALTHY WHOLE EXOME SEQUENCING		
WES007	MNG Healthy Exome Sequencing and Copy Number Analysis + mtDNA	81415	
	RNA SEQUENCING		
RNA001	MNG Transcriptome	81479	
RNA002	Panel-Specific RNA Sequencing	81479	
RNA003	Gene-Specific RNA Sequencing Targeted Analysis	81479	
	ENZYMOLOGY		
ENZ01	Aromatic L-amino Acid Decarboxylase Enzyme Analysis (Plasma)	82542	
ENZ06	Thymidine Phosphorylase Enzyme Analysis (Blood)	82657	
	METABOLIC ANALYSES		
MET01	Amino Acids (CSF)	82139	
MET02	Amino Acids (Plasma)	82139	
MET03	Amino Acids (Urine)	82139	
MET04	Coenzyme Q10 (Leukocytes)	82542	
MET05	Coenzyme Q10 (Muscle)	82542	
MET07	Lactate (CSF)	83605	
MET08	Lactate (plasma)	83605	
MET10	Pyruvate (Blood)	84210	

MET11	Pyruvate (CSF)	84210	
MET12	Thymidine/Deoxyuridine Analytes (Plasma)	82542	
MET19	Creatine and Guanidinoacetate (Urine)	82017	
MET20	Alpha Aminoadipic Semialdehyde (Urine)	82542	
MET23	Creatine and Guanidinoacetate (Plasma)	82017	
MET24	Glucose (Plasma)	82947	
MET29	3-O-Methyldopa (Plasma)	82131	
	GENE SEQUENCING (SANGER), DELETION/DUPLICATION (MLPA) , POINT MUTATIONS - INDIVIDUAL GENES & PANELS		
MOL001	Mitochondrial DNA Depletion Testing (Muscle)	81479	ZB6H0
MOL002	Mitochondrial DNA Deletion Analysis	81465	
MOL021	Mitochondrial Genome Sequencing	81460	
MOL025	DDC Full Gene Sequencing Analysis	81479	
MOL026	ABCB7 Full Gene Sequencing Analysis	81479	
MOL027	ACADM Full Gene Sequencing Analysis	81479	
MOL028	ACADS Full Gene Sequencing Analysis	81405	
MOL029	ACADVL Full Gene Sequencing Analysis	81406	
MOL030	ALDH7A1 Full Gene Sequencing Analysis	81406	
MOL031	SLC25A4 Full Gene Sequencing Analysis	81404	
MOL032	ATP1A2 Full Gene Sequencing Analysis	81406	
MOL033	CACNA1A Full Gene Sequencing Analysis	81185	
MOL034	CAPN3 Full Gene Sequencing Analysis	81406	ZB6H2
MOL035	CAV3 Full Gene Sequencing Analysis	81404	
MOL036	NDUFS1 Full Gene Sequencing Analysis	81406	
MOL037	NDUFS4 Full Gene Sequencing Analysis	81404	
MOL038	NDUFS7 Full Gene Sequencing Analysis	81405	
MOL039	NDUFS8 Full Gene Sequencing Analysis	81405	
MOL040	NDUFV1 Full Gene Sequencing Analysis	81405	
MOL041	SDHA Full Gene Sequencing Analysis	81406	
MOL042	SDHB Full Gene Sequencing Analysis	81405	
MOL043	SDHC Full Gene Sequencing Analysis	81405	
MOL044	SDHD Full Gene Sequencing Analysis	81404	
MOL045	BCS1L Full Gene Sequencing Analysis	81405	
MOL046	COQ2 Full Gene Sequencing Analysis	81479	
MOL047	COX10 Full Gene Sequencing Analysis	81405	
MOL048	COX15 Full Gene Sequencing Analysis	81405	
MOL049	CPT1A Full Gene Sequencing Analysis	81406	
MOL050	CPT2 Full Gene Sequencing Analysis	81404	ZB6GX
MOL051	DGUOK Full Gene Sequencing Analysis	81405	
MOL052	DYSF Full Gene Sequencing Analysis	81408	
MOL053	TYMP Full Gene Sequencing Analysis	81405	
MOL054	EIF2B1 Full Gene Sequencing Analysis	81479	
MOL055	EIF2B2 Full Gene Sequencing Analysis	81405	
MOL056	EIF2B3 Full Gene Sequencing Analysis	81406	
MOL057	EIF2B4 Full Gene Sequencing Analysis	81406	
MOL058	EIF2B5 Full Gene Sequencing Analysis	81406	
MOL059	FXN Full Gene Sequencing Analysis	81286	
MOL060	GCH1 Full Gene Sequencing Analysis	81405	ZB6GY
MOL061	GYS2 Full Gene Sequencing Analysis	81479	
MOL062	HADHA Full Gene Sequencing Analysis	81406	
MOL063	HADHB Full Gene Sequencing Analysis	81406	
MOL064	KCNA1 Full Gene Sequencing Analysis	81479	
MOL065	LAMA2 Full Gene Sequencing and Copy Number Analysis	81408	
MOL066	LMNA Full Gene Sequencing Analysis	81406	
MOL067	MECP2 Full Gene Sequencing Analysis	81302	
MOL068	MPV17 Full Gene Sequencing Analysis	81405	
MOL069	OPA1 Full Gene Sequencing Analysis	81407	
MOL070	PDHA1 Full Gene Sequencing Analysis	81406	
MOL071	PDSS1 Full Gene Sequencing Analysis	81479	
MOL072	PDSS2 Full Gene Sequencing Analysis	81479	

MOL073	C10ORF2 Full Gene Sequencing Analysis	81404	
MOL074	PNPO Full Gene Sequencing Analysis	81479	
MOL075	POLG Full Gene Sequencing and Copy Number Analysis	81406	
MOL076	PYGM Full Gene Sequencing Analysis	81406	
MOL077	RRM2B Full Gene Sequencing Analysis	81405	
MOL078	SGCA Full Gene Sequencing Analysis	81405	
MOL079	SGCB Full Gene Sequencing Analysis	81405	
MOL080	SGCD Full Gene Sequencing Analysis	81405	
MOL081	SGCG Full Gene Sequencing Analysis	81405	
MOL082	SCO1 Full Gene Sequencing Analysis	81405	
MOL083	SCO2 Full Gene Sequencing Analysis	81404	
MOL085	SLC25A20 Full Gene Sequencing Analysis	81405	
MOL086	HSPD1 Full Gene Sequencing Analysis	81479	
MOL087	SPG7 Full Gene Sequencing Analysis	81406	
MOL088	SUCLA2 Full Gene Sequencing Analysis	81479	
MOL089	SUCLG1 Full Gene Sequencing Analysis	81479	
MOL090	SURF1 Full Gene Sequencing Analysis	81405	
MOL091	TH Full Gene Sequencing Analysis	81406	
MOL092	TPH2 Full Gene Sequencing Analysis	81479	
MOL093	UBE3A Full Gene Sequencing Analysis	81406	
MOL094	DARS2 Full Gene Sequencing Analysis	81479	
MOL095	SLC18A2 Full Gene Sequencing Analysis	81479	
MOL096	PTS Full Gene Sequencing Analysis	81479	
MOL097	SLC6A3 Full Gene Sequencing Analysis	81479	
MOL098	TIMM8A Full Gene Sequencing Analysis	81479	
MOL099	MRPS16 Full Gene Sequencing Analysis	81479	
MOL100	UQCRB Full Gene Sequencing Analysis	81479	
MOL101	NDUFAF2 Full Gene Sequencing Analysis	81404	
MOL102	NDUFA1 Full Gene Sequencing Analysis	81404	
MOL103	NDUFS2 Full Gene Sequencing Analysis	81479	
MOL104	NDUFS3 Full Gene Sequencing Analysis	81479	
MOL105	NDUFV2 Full Gene Sequencing Analysis	81479	
MOL106	NDUFAF1 Full Gene Sequencing Analysis	81479	
MOL107	PUS1 Full Gene Sequencing Analysis	81479	
MOL108	TUFM Full Gene Sequencing Analysis	81479	
MOL109	POLG2 Full Gene Sequencing Analysis	81479	ZB6H1
MOL110	APTX Full Gene Sequencing Analysis	81405	
MOL111	TAZ Full Gene Sequencing Analysis	81406	
MOL112	ATPAF2 Full Gene Sequencing Analysis	81479	
MOL113	GFM1 Full Gene Sequencing Analysis	81479	
MOL114	MFN2 Full Gene Sequencing Analysis	81406	
MOL115	LRPPRC Full Gene Sequencing Analysis	81479	
MOL116	GLRA1 Full Gene Sequencing Analysis	81479	
MOL117	QDPR Full Gene Sequencing Analysis	81479	
MOL118	RNASEH2B Full Gene Sequencing Analysis	81479	
MOL119	TREX1 Full Gene Sequencing Analysis	81479	
MOL120	GLRB Full Gene Sequencing Analysis	81479	
MOL121	SLC2A1 Full Gene Sequencing Analysis	81405	ZB6GZ
MOL122	GFAP Full Gene Sequencing Analysis	81405	
MOL124	RNASEH2A Full Gene Sequencing Analysis	81479	
MOL125	ALDH5A1 Full Gene Sequencing Analysis	81479	
MOL126	SPR Full Gene Sequencing Analysis	81479	
MOL127	SLC6A5 Full Gene Sequencing Analysis	81479	
MOL128	COQ3 Full Gene Sequencing Analysis	81479	
MOL129	COQ4 Full Gene Sequencing Analysis	81479	
MOL131	COQ6 Full Gene Sequencing Analysis	81479	
MOL132	COQ7 Full Gene Sequencing Analysis	81479	
MOL133	COQ9 Full Gene Sequencing Analysis	81479	
MOL137	TPM3 Full Gene Sequencing Analysis	81479	

MOL138	ZMPSTE24 Full Gene Sequencing Analysis	81479	
MOL139	MTM1 Full Gene Sequencing Analysis	81406	
MOL140	ADCK3 Full Gene Sequencing Analysis	81479	
MOL141	DBH Full Gene Sequencing Analysis	81479	
MOL142	ETFDH Full Gene Sequencing Analysis	81479	
MOL143	POMT2 Full Gene Sequencing Analysis	81406	
MOL144	MYOT Full Gene Sequencing Analysis	81405	
MOL145	EMD Full Gene Sequencing Analysis	81405	
MOL146	HCCS Full Gene Sequencing Analysis	81479	
MOL147	BRAF Full Gene Sequencing Analysis	81406	
MOL148	TCAP Full Gene Sequencing Analysis	81479	
MOL149	FKRP Full Gene Sequencing Analysis	81404	
MOL150	FKTN Full Gene Sequencing Analysis	81405	
MOL151	NDUFAF5 Full Gene Sequencing Analysis	81479	
MOL152	RARS2 Full Gene Sequencing Analysis	81479	
MOL153	POMT1 Full Gene Sequencing Analysis	81406	
MOL154	RYR1 Full Gene Sequencing and Copy Number Analysis	81408, 81479	
MOL155	GFER Full Gene Sequencing Analysis	81479	
MOL156	TMEM126A Full Gene Sequencing Analysis	81479	
MOL157	NDUFS6 Full Gene Sequencing Analysis	81479	
MOL158	NDUFAF3 Full Gene Sequencing Analysis	81479	
MOL159	TNNI2 Full Gene Sequencing Analysis	81479	
MOL160	NDUFA2 Full Gene Sequencing Analysis	81479	
MOL161	NDUFA11 Full Gene Sequencing Analysis	81479	
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MOL163	ETFA Full Gene Sequencing Analysis	81479	
MOL164	ETFB Full Gene Sequencing Analysis	81479	
MOL165	FASTKD2 Full Gene Sequencing Analysis	81406	
MOL166	FOLR1 Full Gene Sequencing Analysis	81479	
MOL167	GARS Full Gene Sequencing Analysis	81406	
MOL168	RNASEH2C Full Gene Sequencing Analysis	81479	
MOL169	SLC25A19 Full Gene Sequencing Analysis	81479	
MOL170	SLC17A5 Full Gene Sequencing Analysis	81479	
MOL171	MTHFR Full Gene Sequencing Analysis	81479	
MOL172	SAMHD1 Full Gene Sequencing Analysis	81479	
MOL173	TMEM70 Full Gene Sequencing Analysis	81479	
MOL174	UQCRQ Full Gene Sequencing Analysis	81479	
MOL182	COX6B1 Full Gene Sequencing Analysis	81404	
MOL183	AIFM1 Full Gene Sequencing Analysis	81479	
MOL184	PHOX2B Full Gene Sequencing Analysis	81404	
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MOL186	SLC2A1 MLPA Duplication/Deletion Analysis	81479	
MOL187	MECP2 MLPA Duplication/Deletion Analysis	81304	
MOL189	Mitochondrial Genome Sequencing + Deletion Analysis	81460, 81465	ZB9EY
MOL208	CACNA1A Copy Number Analysis	81479	
MOL209	ADSL Full Gene Sequencing Analysis	81479	
MOL210	FOXRED1 Full Gene Sequencing Analysis	81479	
MOL211	NUBPL Full Gene Sequencing Analysis	81479	
MOL212	GLDC Full Gene Sequencing Analysis	81479	
MOL213	GCDH Full Gene Sequencing	81406	
MOL214	ATP1A2 MLPA Duplication/Deletion Analysis	81479	
MOL215	GCH1 MLPA Duplication/Deletion Analysis	81479	
MOL216	KCNQ2 MLPA Duplication/Deletion Analysis	81479	
MOL217	PDHA1 MLPA Duplication/Deletion Analysis	81405	
MOL218	SCN1A MLPA Duplication/Deletion Analysis	81479	
MOL219	GLDC MLPA Duplication/Deletion Analysis	81479	
MOL222	PDHB Full Gene Sequencing Analysis	81405	
MOL223	PDP1 Full Gene Sequencing Analysis	81479	
MOL224	DLAT Full Gene Sequencing Analysis	81406	

MOL225	DLD Full Gene Sequencing Analysis	81406	
MOL226	PC Full Gene Sequencing Analysis	81406	
MOL227	CACNB4 Full Gene Sequencing Analysis	81479	
MOL228	SLC1A3 Full Gene Sequencing Analysis	81479	
MOL229	KCNQ2 Full Gene Sequencing Analysis	81406	
MOL231	SLC2A1 Full Gene Sequencing + MLPA Duplication/Deletion Analysis	81405, 81479	ZB6XY
MOL232	Mitochondrial Genome Sequencing + Deletion Analysis + Depletion Testing (Leukocyte)	81460, 81465, 81479	
MOL233	SLC12A3 Full Gene Sequencing Analysis	81407	
MOL234	GCH1 Full Gene Sequencing + MLPA Duplication/Deletion Analysis	81405, 81479	
MOL235	PDHA1 Full Gene Sequencing + MLPA Duplication/Deletion Analysis	81406, 81405	
MOL236	GLDC Full Gene Sequencing + MLPA Duplication/Deletion Analysis	81479	
MOL237	DHFR Full Gene Sequencing Analysis	81479	
MOL238	FOXP2 Full Gene Sequencing Analysis	81479	
MOL239	CAPN3 MLPA Duplication/Deletion Analysis	81479	
MOL240	CAPN3 Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	81406, 81479	
MOL241	TACO1 Full Gene Sequencing Analysis	81404	
MOL242	ACAD8 Full Gene Sequencing Analysis	81479	
MOL243	ACAD9 Full Gene Sequencing Analysis	81479	
MOL244	SLC12A3 MLPA Duplication/Deletion Analysis	81479	
MOL245	SLC12A3 Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	81407, 81479	
MOL246	SLC6A8 Full Gene Sequencing Analysis	81479	
MOL247	SGCE Full Gene Sequencing Analysis	81406	
MOL248	SCN1A Full Gene Sequencing and Copy Number Analysis	81407, 81479	
MOL249	Known Familial Variant (KFV) Analysis (each mutation)	81403, 81479	ZB75K
MOL250	MPZ Full Gene Sequencing Analysis	81405	
MOL251	GPHN Full Gene Sequencing Analysis	81479	
MOL252	SLC6A4 Full Gene Sequencing Analysis	81479	
MOL253	PGAM2 Full Gene Sequencing Analysis	81479	
MOL254	CHKB Full Gene Sequencing Analysis	81479	
MOL255	SCN1B Full Gene Sequencing Analysis	81404	
MOL256	SPAST Full Gene Sequencing Analysis	81406	
MOL257	MECP2 Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	81302, 81304	
MOL258	SCN9A Full Gene Sequencing and Copy Number Analysis	81479	
MOL259	Friedreich Ataxia Genetic Testing (Repeat Expansion)	81284	ZB9AG
MOL260	ACADVL MLPA Duplication/Deletion Analysis	81479	
MOL261	ACADVL Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	81406, 81479	
MOL262	SLC22A5 MLPA Duplication/Deletion Analysis	81479	
MOL264	SPAST MLPA Duplication/Deletion Analysis	81405	
MOL265	SPAST Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	81406, 81405	
MOL266	ATL1/SPG3 MLPA Duplication/Deletion Analysis	81479	
MOL267	ATL1/SPG3 Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	81406, 81479	
MOL268	CLCNKA Full Gene Sequencing Analysis	81479	
MOL270	KCNJ1 Full Gene Sequencing Analysis	81404	
MOL271	BSND Full Gene Sequencing Analysis	81479	
MOL272	PFKM Full Gene Sequencing Analysis	81479	
MOL274	PDXK Full Gene Sequencing Analysis	81479	
MOL276	PMP22 MLPA Duplication/Deletion Analysis	81324	
MOL277	GJB1 (CX32) MLPA Duplication/Deletion Analysis	81479	
MOL278	MPZ MLPA Duplication/Deletion Analysis	81479	
MOL281	DOK7 Full Gene Sequencing Analysis	81479	
MOL282	SGCE MLPA Duplication/Deletion Analysis	81405	
MOL283	SGCE Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	81406, 81405	
MOL286	CLCNKB MLPA Duplication/Deletion Analysis	81479	
MOL287	CLCNKB Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	81406	
MOL289	MTM1 MLPA Duplication/Deletion Analysis	81405	
MOL290	MTM1 Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	81406, 81405	
MOL291	OPA1 MLPA Duplication/Deletion Analysis	81406	
MOL292	OPA1 Full Gene Sequencing Analysis + MLPA Duplication/Deletion Analysis	81407, 81406	
MOL293	MFN2 MLPA Duplication/Deletion Analysis	81479	

MOL294	POLG MLPA Duplication/Deletion Analysis	81479	
MOL295	ATP5E Full Gene Sequencing Analysis	81479	
MOL299	Myotonic Dystrophy 1 (DMPK) Genetic Testing (Repeat Expansion)	81234	ZB9AB
MOL301	Spinal Muscular Atrophy (SMN1/SMN2) MLPA Duplication/Deletion Analysis	81329	
MOL302	Dystrophin MLPA Duplication/Deletion Analysis	81161	
MOL303	Myotonic Dystrophy 2 (ZNF9/CNBP) Genetic Testing (Repeat Expansion)	81187	ZB9AC
MOL305	TK2 Full Gene Sequencing Analysis	81405	
MOL306	ARHGEF9 Full Gene Sequencing Analysis	81479	
MOL307	CACNA1S Full Gene Sequencing Analysis	81479	
MOL308	GLUL Full Gene Sequencing Analysis	81479	
MOL309	ADAR Full Gene Sequencing Analysis	81479	
MOL313	C10ORF2 MLPA Duplication/Deletion Analysis	81479	
MOL314	FKRP MLPA Duplication/Deletion Analysis	81479	
MOL315	GARS MLPA Duplication/Deletion Analysis	81479	
MOL316	HSPB1 MLPA Duplication/Deletion Analysis	81404	
MOL317	LAMA2 MLPA Duplication/Deletion Analysis	81479	
MOL318	MPV17 MLPA Duplication/Deletion Analysis	81404	
MOL319	NEFL MLPA Duplication/Deletion Analysis	81405	
MOL320	PRX MLPA Duplication/Deletion Analysis	81405	
MOL321	RAB7A MLPA Duplication/Deletion Analysis	81405	
MOL322	RRM2B MLPA Duplication/Deletion Analysis	81479	
MOL324	SGCA MLPA Duplication/Deletion Analysis	81479	
MOL325	SGCB MLPA Duplication/Deletion Analysis	81479	
MOL326	SGCD MLPA Duplication/Deletion Analysis	81479	
MOL327	SGCG MLPA Duplication/Deletion Analysis	81404	
MOL328	SLC25A4 MLPA Duplication/Deletion Analysis	81479	
MOL329	TK2 MLPA Duplication/Deletion Analysis	81479	
MOL330	KCNQ2 Full Gene Sequencing + MLPA Duplication/Deletion Analysis	81406, 81479	
MOL331	SPTLC1 Full Gene Sequencing Analysis	81479	
MOL332	GJB1 (CX32) Full Gene Sequencing Analysis	81403	
MOL333	GJB1 (CX32) Full Gene Sequencing + MLPA Duplication/Deletion Analysis	81403, 81479	
MOL334	Mitochondrial DNA Depletion Testing (Leukocyte)	81479	
MOL335	LITAF Full Gene Sequencing Analysis	81404	
MOL336	SEPT9 Full Gene Sequencing and Copy Number Analysis	81479	
MOL339	DARS Full Gene Sequencing Analysis	81479	
MOL340	Mitochondrial Genome Sequencing + Deletion Analysis + Depletion Testing (Muscle)	81460, 81465, 81479	
MOL341	GNE Full Gene Sequencing Analysis	81406	
MOL342	DPYS Full Gene Sequencing Analysis	81479	
MOL343	SPG11 MLPA Duplication/Deletion Analysis	81407	
MOL344	PMP22 Full Gene Sequencing Analysis	81325	
MOL345	PMP22 Full Gene Sequencing + MLPA Duplication/Deletion Analysis	81325, 81324	
MOL346	SCN10A Full Gene Sequencing Analysis	81479	
MOL347	SCN11A Full Gene Sequencing Analysis	81479	
MOL348	SCN5A Full Gene Sequencing Analysis	81407	
MOL349	PAH Full Gene Sequencing Analysis	81406	
MOL350	PKD1/PKD2 MLPA Duplication/Deletion Analysis	81479	
MOL351	GAMT Full Gene Sequencing Analysis	81479	
MOL352	GATM Full Gene Sequencing Analysis	81479	
MOL354	DEPDC5 Full Gene Sequencing Analysis	81479	
MOL355	CLCN1 Full Gene Sequencing Analysis	81406	
MOL356	SCN4A Full Gene Sequencing Analysis	81406	
MOL360	PEX6 Full Gene Sequencing Analysis	81479	
MOL362	TUBB4A Full Gene Sequencing Analysis	81479	
MOL364	C9orf72 Repeat Expansion Analysis	81479	ZB6XN
MOL366	Huntington Disease: HTT Repeat Expansion Analysis	81271	ZB9AE
MOL367	PROSC Full Gene Sequencing Analysis	81479	
MOL368	SCA1 (ATXN1) Genetic Testing (Repeat expansion)	81178	
MOL369	SCA2 (ATXN2) Genetic Testing (Repeat expansion)	81179	
MOL370	SCA3 (ATXN3) Genetic Testing (Repeat expansion)	81180	

MOL371	SCA6 (CACNA1A) Genetic Testing (Repeat expansion)	81184	
MOL372	SCA7 (ATXN7) Genetic Testing (Repeat expansion)	81181	
MOL373	SCA8 (ATXN8) Genetic Testing (Repeat expansion)	81182	
MOL374	SCA10 (ATXN10) Genetic Testing (Repeat expansion)	81183	
MOL375	SCA12 (PPP2R2B) Genetic Testing (Repeat expansion)	81343	
MOL376	SCA17 (TBP) Genetic Testing (Repeat expansion)	81344	
MOL377	SCA36 (NOP56) Genetic Testing (Repeat expansion)	81479	
MOL378	DRPLA (ATN1) Genetic Testing (Repeat expansion)	81177	
MOL379	Spinocerebellar Ataxia Repeat Panel (SCA 8, 10, 12, 17, 36, & DRPLA)	81182, 81183, 81343, 81344, 81479, 81177	ZB87D
MOL380	Comprehensive Spinocerebellar Ataxia Repeat Expansion Panel (SCA 1, 2, 3, 6, 7, 8, 10, 12, 17, 36, & DRPLA)	81187, 81179, 81180, 81184, 81181, 81182, 81183, 81343, 81344, 81479, 81177	ZB6XR
MOL381	Fragile X Repeat Expansion + Methylation Analysis	81243, 81244	ZBA7C
MOL388	CYP21A2 (Congenital Adrenal Hyperplasia) Deletion/Duplication and Selected Variant Analysis	81402	
MOL389	GBA (Gaucher Disease) Deletion/Duplication Analysis	81479	
MOL390	HBA1 and HBA2 (Alpha-thalassemia) Deletion/Duplication and Selected Variant Analysis	81257	
MOL391	Comprehensive Ataxia Repeat Expansion Panel (SCA 1, 2, 3, 6, 7, 8, 10, 12, 17, 36, DRPLA & FRDA)	81187, 81179, 81180, 81184, 81181, 81182, 81183, 81343, 81344, 81479, 81177, 81284	
MOL392	Huntington-like Disease Type 2: JPH3 Repeat Expansion Analysis	81401	
	NEUROCHEMISTRY ANALYSES		
NC01	5-Methyltetrahydrofolate (CSF)	82542	
NC02	Neopterin (CSF)	82542	
NC03	Neopterin/Tetrahydrobiopterin (CSF)	82542	
NC04	Neurotransmitter Metabolites (5HIAA, HVA, 3OMD) (CSF)	82542, 83497, 83150	
NC05	Pyridoxal 5'-phosphate (CSF)	84207	
NC06	Succinyladenosine (CSF)	82542	
NC07	Sialic Acid (CSF)	84275	
NC08	Alpha-aminoadipic Semialdehyde (CSF)	84275	
NC10	Glucose (CSF)	82947	
	NEXT GENERATION SEQUENCING (NGS) PANELS		
NGS197	Coenzyme Q10 Deficiency (NGS Panel and Copy Number Analysis)	81479, 81405, 81406	ZB9AI
NGS198	Comprehensive mtDNA Depletion Syndromes (NGS Panel and Copy Number Analysis)	81404 (x3), 81405 (x5), 81406 (x3), 81407, 81479	ZB9AU
NGS301	Comprehensive Cellular Energetics Defects (NGS Panel and Copy Number Analysis + mtDNA)	81440, 81460, 81465	ZB6ZN
NGS302	Carbohydrate Metabolism Deficiency (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81249, 81407, 81405 (x3), 81406 (x6), 81479	ZB9A6
NGS303	Lipid Metabolism Deficiency (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81404 (x3), 81405 (x4), 81406 (x5), 81479	ZB9AY
NGS304	Pyruvate Metabolism Disorders (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81404, 81405 (x2), 81406 (x6), 81479	ZB9AZ
NGS305	PDH/Tricarboxylic Acid Cycle (TCA) Defects (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81404, 81405 (x3), 81406 (x6), 81479	ZB9B0
NGS306	Oxidative Phosphorylation (OXPHOS) Defects (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81286, 81403, 81404 (x12), 81405 (x18), 81406 (x11), 81407, 81408, 81479	ZB9B4
NGS307	Ceroid Lipofuscinosis Disorders (NGS Panel and Copy Number Analysis)	81406, 81479	ZB9A8
NGS308	Creatine Metabolism Deficiency (NGS Panel and Copy Number Analysis)	81479	ZB9AD
NGS309	Cobalamin/Homocysteine/Methionine Metabolism Deficiency (NGS Panel and Copy Number Analysis)	81404, 81405 (x2), 81406 (x2), 81479	ZB9AA
NGS310	GABA Metabolism Deficiency (NGS Panel and Copy Number Analysis)	81185, 81405, 81479	ZB9B5
NGS311	Glutaric Acidemia Disorders (NGS Panel and Copy Number Analysis)	81406, 81479	ZB9BE
NGS312	Ketone Body Metabolism Deficiency (NGS Panel and Copy Number Analysis)	81479	ZB9BD
NGS313	Lysosomal Disease (NGS Panel and Copy Number Analysis)	81404 (x2), 81405 (x7), 81406 (x9), 81479	ZB9B6
NGS314	Methylmalonic Acid Metabolism Deficiency (NGS Panel and Copy Number Analysis)	81404, 81405 (x2), 81406, 81479	ZB9BI
NGS315	Neurotransmitter Metabolism Deficiency (NGS Panel and Copy Number Analysis)	81185, 81405 (x2), 81406 (x5), 81479	ZB9DO
NGS316	Dopamine Metabolism Deficiency (NGS Panel and Copy Number Analysis)	81405, 81406, 81479	ZB9C2
NGS317	Serotonin Metabolism Deficiency (NGS Panel and Copy Number Analysis)	81405, 81479	ZB9DP
NGS318	Tetrahydrofolate Metabolism Deficiency (NGS Panel and Copy Number Analysis)	81479	ZB9JA
NGS319	Fever Syndromes (NGS Panel and Copy Number Analysis)	81223, 81222, 81404 (x7), 81405 (x3), 81406 (x4), 81479	ZB9AF
NGS320	Tyrosinemia (NGS Panel and Copy Number Analysis)	81406, 81479	ZB9EV
NGS321	Urea Cycle Disorders (NGS Panel and Copy Number Analysis)	81405 (x4), 81406 (x4), 81479	ZB9DT
NGS323	Amyotrophic Lateral Sclerosis (NGS Panel and Copy Number Analysis)	81325, 81324, 81403 (x1), 81404 (x1), 81405 (x2), 81406 (x5), 81407 (x1), 81479(x1)	ZB5XV
NGS324	Ataxia/Episodic Ataxia Disorders (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81175, 81185, 81189, 81286, 81302, 81304, 81325, 81324, 81403, 81404 (x18), 81405 (x34), 81406 (x32), 81407 (x8), 81408 (x3), 81479 (x1)	ZB5XW

NGS325	Comprehensive Intellectual Disability/Autism (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81175, 81216, 81167, 81185, 81189, 81236, 81302, 81304, 81307, 81321, 81323, 81403 (x6), 81404 (x31), 81405 (x62), 81406 (x74), 81407 (x18), 81408 (x7), 81479	ZB6ZM
NGS327	Congenital Glycosylation Disorders (NGS Panel and Copy Number Analysis)	81405, 81479	ZB9BF
NGS330	Comprehensive Muscular Dystrophy/Myopathy (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81479, 81161, 81405 x6, 81406 x2, 81408 x3	ZB5XY
NGS331	Congenital Myasthenic Syndromes (NGS Panel and Copy Number Analysis)	81406, 81407, 81479	ZB9ET
NGS332	Hypokalemic and Hyperkalemic Periodic Paralysis Disorders (NGS Panel and Copy Number Analysis)	81403, 81406 (x2), 81407, 81479	ZB9DU
NGS333	Malignant Hyperthermia (NGS Panel and Copy Number Analysis)	81479, 81408	ZB9DV
NGS335	Neurofibromatosis (NGS Panel and Copy Number Analysis)	81321, 81323, 81404 (x3), 81405 (x6), 81406 (x6), 81408 (x2), 81479	ZB5XY
NGS337	Spastic Paraplegia (NGS Panel and Copy Number Analysis + mtDNA)	81448, 81460, 81465	ZB9DN
NGS343	Peroxisomal Disease (NGS Panel and Copy Number Analysis)	81405, 81479	ZB9DW
NGS344	Aicardi-Goutieres Syndrome (NGS Panel and Copy Number Analysis)	81479	ZB75H
NGS345	Charcot-Marie-Tooth Disease (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81448	ZB85J
NGS345A	Charcot-Marie-Tooth Disease, Axonal (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81448	ZB85N
NGS345D	Charcot-Marie-Tooth Disease, Demyelinating (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81448	ZB9A9
NGS346	Hereditary Sensory & Autonomic Neuropathy (NGS Panel and Copy Number Analysis)	81173, 81185, 81404 (x5), 81405 (x8), 81406 (x9), 81407 (x4), 81479	ZB9DM
NGS347	Spinal Muscular Atrophy (NGS Panel and Copy Number Analysis)	81173, 81336, 81329, 81404, 81479	ZB9DZ
NGS348	Fetal Akinesia, Arthrogryposis, or Contractures (NGS Panel and Copy Number Analysis)	81329, 81336, 81403 (x3), 81404 (x9), 81405 (x11), 81406 (x10), 81407 (x4), 81408 (x3), 81479	ZB9DK
NGS349	Nonsyndromic Intellectual Disability (NGS Panel and Copy Number Analysis)	81185, 81189, 81216, 81167, 81307, 81403, 81404 (x7), 81405 (x19), 81406 (x24), 81407, 81408, 81479	ZB9E0
NGS350	Syndromic Intellectual Disability (NGS Panel and Copy Number Analysis)	81302, 81304, 81404, 81405, 81479	ZB9EW
NGS351	Leigh Disease (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81404, 81405 x7, 81406 x2, 81479	ZB9E1
NGS352	Comprehensive Ophthalmoplegia Syndromes (NGS Panel and Copy Number Analysis + mtDNA)	81405, 81406, 81460, 81465, 81479	ZB9BH
NGS353	Cellular Energetics Ophthalmoplegia Syndromes (NGS Panel and Copy Number Analysis + mtDNA)	81465, 81460, 81405, 81406, 81479	ZB9A7
NGS354	Non-mitochondrial Comprehensive Ophthalmoplegia Syndromes (NGS Panel and Copy Number Analysis)	81479	ZB9DX
NGS355	Cytochrome C Oxidase Deficiency (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81404 x2, 81405 x3, 81406	ZB9BG
NGS356	Alzheimer Disease/Frontotemporal Dementia (NGS Panel and Copy Number Analysis)	81404, 81405, 81406 x2, 81479	ZB6XP
NGS357	Parkinson's Disease/Parkinsonism (NGS Panel and Copy Number Analysis)	81302, 81304, 81321, 81323, 81404 (x3), 81405 (x6), 81406 (x9), 81407, 81408, 81479	ZB85P
NGS358	Comprehensive Dystonia (NGS Panel and Copy Number Analysis + mtDNA)	81185, 81302, 81304, 81321, 81323, 81403, 81404 (x11), 81405 (x20), 81406 (x24), 81408 (x2), 81460, 81465, 81479	ZB5YR
NGS359	Primary Dystonia (NGS Panel and Copy Number Analysis)	81479	ZB85O
NGS360	Basal Ganglia Calcification Dystonia (NGS Panel and Copy Number Analysis)	81479	ZB9A5
NGS361	OXPHOS Defect Dystonia (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81479	ZB9E2
NGS362	Neurodegeneration with Brain Iron Accumulation (NGS Panel and Copy Number Analysis)	81479	ZB9E4
NGS363	Comprehensive Cardiomyopathy (NGS Panel and Copy Number Analysis + mtDNA)	81439, 81460, 81465	ZB9C3
NGS364	Left Ventricular Noncompaction Cardiomyopathy Syndromes (NGS Panel and Copy Number Analysis)	81407, 81479	ZB9E3
NGS365	Hereditary Cardiac Arrhythmia (NGS Panel and Copy Number Analysis)	81439, 81479	ZB9DL
NGS366	Hereditary Ventricular Tachycardia Syndromes (NGS Panel and Copy Number Analysis)	81406 x2, 81407 x2, 81408, 81479	ZB9E5
NGS367	Arrhythmogenic Right Ventricular Dysplasia (NGS Panel and Copy Number Analysis)	81439, 81479	ZB80M
NGS368	Long and Short QT Syndrome (NGS Panel and Copy Number Analysis)	81403, 81404, 81406, 81479	ZB9EU
NGS369	Brugada Syndrome (NGS Panel and Copy Number Analysis)	81407, 81479	ZB72R
NGS370	Congenital Heart Defects (NGS Panel and Copy Number Analysis)	81405, 81407 x3, 81479	ZB9J5
NGS371	Congenital Central Hypoventilation Syndromes (NGS Panel and Copy Number Analysis)	81404, 81479	ZB9J7
NGS372	Comprehensive Leukodystrophy/Leukoencephalopathy (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81175, 81321, 81323, 81404 (x9), 81405 (x14), 81406 (x10), 81408, 81479	ZB9J8
NGS373	Non-Mitochondrial Leukodystrophy/Leukoencephalopathy (NGS Panel and Copy Number Analysis)	81405 x2, 81406 x3, 81479	
NGS374	Mitochondrial Leukodystrophy/Leukoencephalopathy (NGS Panel and Copy Number Analysis + mtDNA)	81479, 81460, 81465	
NGS375	Vanishing White Matter, Dysmyelinating, and Hypomyelinating Leukodystrophy (NGS Panel and Copy Number Analysis)	81405, 81406 x3, 81479	
NGS376	Comprehensive Dementia (NGS Panel and Copy Number Analysis)	81321, 81323, 81351, 81403 (x2), 81404 (x6), 81405 (x7), 81406 (x13), 81479 (x1)	ZB6XQ
NGS377	Ehlers Danlos, Ehlers Danlos-like Syndromes, and Aneurysm Syndromes (NGS Panel and Copy Number Analysis)	81410, 81411	
NGS378	Marfan and Marfan-like Syndromes (NGS Panel and Copy Number Analysis)	81408, 81479	
NGS379	Polycystic Kidney Disease (NGS Panel and Copy Number Analysis)	81479	
NGS380	Amyloid Related Disorders (NGS Panel and Copy Number Analysis)	81404 x2, 81479	
NGS381	Mucopolysaccharidosis and Mucolipid Disorders (NGS Panel and Copy Number Analysis)	81405, 81406, 81479	
NGS383	Comprehensive Metabolic Disease Hepatomegaly (NGS Panel and Copy Number Analysis + mtDNA)	81479, 81460, 81465	
NGS384	Carbohydrate Metabolism Hepatomegaly (NGS Panel and Copy Number Analysis)	81479	

NGS385	Comprehensive Epilepsy (NGS Panel and Copy Number Analysis + mtDNA)	81419, 81460, 81465	ZB5P1
NGS386	Epileptic Encephalopathy (NGS Panel and Copy Number Analysis)	81302, 81304, 81406 x2, 81407, 81404	
NGS387	Comprehensive Neuronal Migration Disorders (NGS Panel and Copy Number Analysis + mtDNA)	81460, 81465, 81292, 81294, 81295, 81297, 81298, 81300,81317, 81319, 81175, 81307, 81403, 81404 (x4), 81405 (x9), 81406 (x8), 81407 (x4), 81479	
NGS388	Non-Mitochondrial Neuronal Migration Disorders (NGS Panel and Copy Number Analysis)	81405, 81479, 81460, 81465	
NGS389	Mitochondrial Neuronal Migration Disorders (NGS Panel and Copy Number Analysis + mtDNA)	81405, 81479	
NGS392	Bartter/Gitelman Syndromes (NGS Panel and Copy Number Analysis)	81404 (x2), 81405 (x2), 81406, 81407 (x2), 81479	
NGS393	Maple Syrup Urine Disease (NGS Panel and Copy Number Analysis)	81405, 81406 x2, 81479	
NGS394	Joubert Syndrome (NGS Panel and Copy Number Analysis)	81405, 81406, 81407 (x2), 81408, 81479	
NGS395	Meckel Syndrome (NGS Panel and Copy Number Analysis)	81407, 81408, 81479	
NGS396	Porphyria Disorders (NGS Panel and Copy Number Analysis)	81479	
NGS397	Osteogenesis Imperfecta (NGS Panel and Copy Number Analysis)	81408 x2, 81479	
NGS398	Macrocephaly and Overgrowth Syndromes (NGS Panel and Copy Number Analysis)	81236, 81302, 81304, 81321, 81323, 81403, 81404 (x5), 81405 (x13), 81406 (x12), 81407 (x3), 81408, 81479	
NGS399	Heterotaxy Syndromes (NGS Panel and Copy Number Analysis)	81479	
NGS400	Pain Syndromes (NGS Panel and Copy Number Analysis)	81479	
NGS401	Stickler Syndrome (NGS Panel and Copy Number Analysis)	81479	
NGS402	Usher Syndrome (NGS Panel and Copy Number Analysis)	81404, 81407 x2, 81408 x2	
NGS404	Hypothyroidism (NGS Panel and Copy Number Analysis)	81479	
NGS405	Amyotrophic Lateral Sclerosis (NGS Panel and Copy Number Analysis +C9orf72 Repeat Expansion Analysis)	81325, 81324, 81403 (x1), 81404 (x1), 81405 (x2), 81406 (x5), 81407 (x1), 81479 (x1)	
NGS406	Alzheimer Disease/Frontotemporal Dementia (NGS Panel and Copy Number Analysis + C9orf72 Repeat Expansion Analysis)	81404 (x1), 81405 (x2), 81406 (x6), 81479 (x1)	ZB6XO
NGS407	Comprehensive Dementia (NGS Panel and Copy Number Analysis + C9orf72 Repeat Expansion Analysis)	81321, 81323, 81351, 81403 (x2), 81404 (x6), 81405 (x7), 81406 (x13), 81479 (x1)	ZB8AW
NGS408	Ataxia/Episodic Ataxia Disorders (NGS Panel and Copy Number Analysis + mtDNA + HTT Repeat Expansion Analysis)	81460, 81465, 81175, 81185, 81189, 81286, 81302, 81304, 81325, 81324, 81403, 81404 (x18), 81405 (x34), 81406 (x32), 81407 (x8), 81408 (x3), 81479 (x1), 81271	ZB85L
NGS409	Comprehensive Dystonia (NGS Panel and Copy Number Analysis + mtDNA + HTT Repeat Expansion Analysis)	81185, 81302, 81304, 81321, 81323, 81403, 81404 (x11), 81405 (x20), 81406 (x24), 81408 (x2), 81460, 81465, 81479, 81271	ZB5XX
NGS410	Comprehensive Dementia (NGS Panel and Copy Number Analysis + HTT Repeat Expansion Analysis)	81321, 81323, 81351, 81403 (x2), 81404 (x6), 81405 (x7), 81406 (x13), 81479 (x1), 81271	ZB9B7
NGS411	Comprehensive Dementia (NGS Panel and Copy Number Analysis + C9orf72 & HTT Repeat Expansion Analysis)	81321, 81323, 81351, 81403 (x2), 81404 (x6), 81405 (x7), 81406 (x13), 81479 (x1) , 81271	ZB85M
NGS412	Myoclonic Epilepsy (NGS Panel and Copy Number Analysis)	81403, 81404, 81406, 81479	ZB9DY
NGS413	Congenital Myopathies (NGS Panel and Copy Number Analysis)	81408 x2, 81479	ZB9C4
NGS414	Noonan Syndrome (NGS Panel and Copy Number Analysis)	81406 x3, 81479	ZB9E6
NGS417	Ataxia/Episodic Ataxia Disorders (NGS Panel and Copy Number Analysis + mtDNA + SCA & HTT Repeat Expansion Analysis)	81460, 81465, 81175, 81185, 81189, 81286, 81302, 81304, 81325, 81324, 81403, 81404 (x18), 81405 (x34), 81406 (x32), 81407 (x8), 81408 (x3), 81479 (x1), 81187, 81179, 81180, 81184, 81181, 81182, 81183, 81343, 81344, 81479, 81177, 81271	ZB8YB
NGS419	Ataxia/Episodic Ataxia Disorders (NGS Panel and Copy Number Analysis + mtDNA + FRDA Repeat Expansion Analysis)	81460, 81465, 81175, 81185, 81189, 81286, 81302, 81304, 81325, 81324, 81403, 81404 (x18), 81405 (x34), 81406 (x32), 81407 (x8), 81408 (x3), 81479 (x1), 81248	ZB85K
NGS420	Ataxia/Episodic Ataxia Disorders (NGS Panel and Copy Number Analysis + mtDNA + SCA & FRDA Repeat Expansion Analysis)	81460, 81465, 81175, 81185, 81189, 81286, 81302, 81304, 81325, 81324, 81403, 81404 (x18), 81405 (x34), 81406 (x32), 81407 (x8), 81408 (x3), 81479 (x1), 81187, 81179, 81180, 81184, 81181, 81182, 81183, 81343, 81344, 81479, 81177, 81284	ZB91L
NGS421	Congenital Muscular Dystrophies (NGS Panel and Copy Number Analysis)	81404, 81405, 81406 x4	ZB9B9
NGS422	Limb-Girdle Muscular Dystrophy (NGS Panel and Copy Number Analysis)	81161, 81404 (x3), 81405 (x8), 81406 (x6), 81408 (x2), 81479	ZB9E8
NGS423	Emery-Dreifuss Muscular Dystrophy (NGS Panel and Copy Number Analysis)	81161, 81408, 81404, 81405, 81406	ZB9BB
NGS424	Duchenne/Becker Muscular Dystrophy (NGS Panel and Copy Number Analysis)	81161, 81408	ZB9BA
NGS425	Microcephaly (NGS Panel and Copy Number Analysis)	81175, 81216, 81167, 81302, 81304, 81307, 81403 (x3), 81404 (x9), 81405 (x16), 81406 (x16), 81407 (x7), 81408 (x1), 81479 (x1)	ZB9BC
NGS426	Hydrocephalus (NGS Panel and Copy Number Analysis)	81321, 81323, 81351, 81403, 81404 (x4), 81405 (x9), 81406 (x7), 81407 (x3), 81408 (x4), 81479	ZB9E7
NGS427	X-linked Intellectual Disability (NGS Panel and Copy Number Analysis + Fragile X Repeat Expansion & Methylation)	81470, 81471, 81243, 81244, 81302, 81304, 81404, 81405, 81479	ZB9E9
NGS428	Tuberous Sclerosis (NGS Panel and Copy Number Analysis)	81405 (x1), 81406 (x2), 81407, 81479(x1)	ZB9EA
NGS429	Familial Hemiplegic Migraine (NGS Panel and Copy Number Analysis + mtDNA)	81406, 81407 x2, 81479, 81460, 81465	ZB9DI
NGS430	Stroke (NGS Panel and Copy Number Analysis + mtDNA)	81405 x2, 81408, 81460, 81465, 81479	ZB9DR

NGS431	Ataxia/Episodic Ataxia Disorders (NGS Panel and Copy Number Analysis + mtDNA + SCA Repeat Expansion Analysis)	81460, 81465, 81175, 81185, 81189, 81286, 81302, 81304, 81325, 81324, 81403, 81404 (x18), 81405 (x34), 81406 (x32), 81407 (x8), 81408 (x3), 81479 (x1), 81187, 81179, 81180, 81184, 81181, 81182, 81183, 81343, 81344, 81479, 81177	ZB91M
NGS432	Comprehensive Intellectual Disability/Autism (NGS Panel and Copy Number Analysis + mtDNA + Fragile X Repeat Expansion and Methylation)	81460, 81465, 81175, 81216, 81167, 81185, 81189, 81236, 81243, 81244, 81302, 81304, 81307, 81321, 81323, 81403 (x6), 81404 (x31), 81405 (x62), 81406 (x74), 81407 (x18), 81408 (x7), 81479	ZB72Q
NGS445	Comprehensive Neuropathies (NGS Panel and Copy Number Analysis + mtDNA)	81448, 81460, 81465	ZB9DG
NGS446	Dopa-Responsive Dystonia (NGS Panel and Copy Number Analysis)	81479	ZB9C0
NGS447	Sarcoglycanopathies (NGS Panel and Copy Number Analysis)	81479	ZB9J9
NGS448	Hyperekplexia (NGS Panel and Copy Number Analysis)	81479	ZB9J4
NGS449	Hyperphenylalaninemia (NGS Panel and Copy Number Analysis)	81405, 81076, 81479	ZB9AH
NGS452	Familial Hypercholesterolemia	81405, 81406 x2, 81401, 81479	
NGS453	Cornelia de Lange Syndrome	81479	
NGS454	Polymicrogyria	81479	
NGS455	Lissencephaly	81479	
NGS456	Cerebral Cavernous Malformations	81479	
NGS457	Holoprosencephaly	81479	
NGS458	Comprehensive Hearing Loss + mtDNA	81460, 81465, 81430, 81431	
NGS459	Waardenburg Syndrome	81479	
NGS460	Alport Syndrome	81407, 81409 x2, 81479	
NGS461	Pendred Syndrome	81404, 81406, 81479	
NGS462	Perrault Syndrome	81479	
NGS463	Treacher-Collins Syndrome	81479	
NGS464	Comprehensive Vision Loss & Eye Disorders + mtDNA	81434, 81460, 81465	
NGS465	Dysautonomia	81448, 81479	
NGS466	Comprehensive Anemia	81257, 81269, 81405, 81479	