

Table S2. Mayo Clinic Laboratories cerebrospinal fluid shotgun metagenomic sequencing results

Sample	Age	Sex	Result	Additional Reporting Comments
MCL-1	76	F	West Nile virus	
MCL-2	18	M	<i>Toxoplasma gondii</i>	
MCL-3	45	M	<i>Streptococcus</i> species	Thermophilic streptococci of dairy origin with <i>Lactobacillus</i> and <i>Morganella</i> below the cut-off. Likely contamination
MCL-4	85	F	Negative	Limited analysis of RNA viruses due to QC failure with external RNA control
MCL-5	57	F	Negative	
MCL-6	33	M	Negative	
MCL-7	51	M	Negative	
MCL-8	53	F	Negative	
MCL-9	31	M	Negative	
MCL-10	56	F	Negative	
MCL-11	40	M	Negative	
MCL-12	61	F	Negative	
MCL-13	49	F	Negative	
MCL-14	11	M	Negative	
MCL-15	62	F	Negative	
MCL-16	19	F	Negative	
MCL-17	29	F	Negative	
MCL-18	70	F	Negative	
MCL-19	31	M	Negative	
MCL-20	35	M	Negative	
MCL-21	20	M	Negative	
MCL-22	54	F	Negative	
MCL-23	69	M	Negative	Sample contains high DNA background: there is decreased sensitivity of detection of DNA viruses, bacteria, fungi, and parasites
MCL-24	54	F	Negative	
MCL-25	54	F	Negative	Sample contains high DNA background: there is decreased sensitivity of detection of DNA viruses, bacteria, fungi, and parasites
MCL-26	57	F	Negative	
MCL-27	25	F	Negative	Potential limited ability to detect RNA viruses due to insufficient read depth