

Table S1. Serogroup B *Neisseria meningitidis* strains used in this study. List of bacterial strains by names, country and year of isolation, PorA genotype, the MLST sequence type (ST) and clonal complex (cc), and the genotype of the antigens fHbp, NHBA, NadA. The last column indicates whether the strain was used as a test strain (test), a reference strain for a given antigen to derive the RP by parallelism analysis (20), or both. Note: strain, M14993 originally included in the study, was exchanged in error for M14983 during the frozen stock preparation for some laboratories, and therefore removed from the analysis. A total of 18 strains was transferred to each participating laboratory: 15 as test strains, 2 as test and reference strains, 1 (NGH38) as reference strain only.

Strain name	Country of isolation	Year of isolation	PorA VR1,VR2	ST	Clonal complex	fHbp var / subvar.	NHBA peptide	NadA allele	Ref (antigen) / test
1000	Russia	1988	P1.5-1,10-4	20	ST-18 cc	2.25	6	No gene	test
2996	U.K.	1975	P1.5,2	540	ST-8 cc	2.16	20	3	test
5/99	Norway	1999	P1.5,2	1349	ST-8 cc	2.23	20	2	ref (NadA) + test
961-5945	Australia	1996	P1.21,16	153	ST-8 cc	2.16	20	2	test
96217	Canada	1996	P1.5,2	153	ST-8 cc	2.16	20	2	test
BZ83	The Netherlands	1984	P1.5-2,10	34	ST-32 cc	1.1	3	1	test
H44/76	Norway	1976	P1.7,16	32	ST-32 cc	1.1	3	No gene	ref (fHbp) + test
M11003	U.S.A.	2003	P1.7-2,4	5097	ST-41/44 cc	1.4	2	No gene	test
M11048	U.S.A.	2003	P1.5-1,2-2	60	ST-60 cc	1.13	24	No gene	test
M01390	U.S.A.	1995	P1.7,4	41	ST-41/44 cc	1.14	2	No gene	test
M15564	U.S.A.	2006	P1.7,16	32	ST-32 cc	1.1	5	1	test
M16019	U.S.A.	2007	P1.7,16	32	ST-32 cc	1.1	5	1	test
M04407	U.S.A.	1996	P1.15-1,19	6160	ST-41/44 cc	2.19	2	No gene	test
M04458	U.S.A.	1998	P1.3,18-1	6161	-	2.25	20	3	test
MC58	U.K.	1985	P1.7,16-2	74	ST-32 cc	1.1	3	1	test
NZ98/254	New Zealand	1998	P1.7-2,4	42	ST-41/44 cc	1.14	2	No gene	test
M01-240149	U.K.	2001	P1.7,4	41	ST-41/44 cc	1.4	2	No gene	test
NGH38	Norway	1988	P1.3,-	36	-	2.24	2	No gene	ref (NHBA)