

Supplementary Table 1. Description of cohort by country of residence and whether child had received H1N1 vaccination.

	H1N1 vaccinated			
	Finland		Sweden	
	No	Yes	No	Yes
	N (%)	N (%)	N (%)	N (%)
Total	410 (100%)	1028 (100%)	578 (100%)	1385 (100%)
Age of child March 1st 2010				
< 6 months	127 (31.0%)	14 (1.4%)	189 (32.7%)	12 (0.9%)
6 – 12 months	65 (15.9%)	115 (11.2%)	78 (13.5%)	152 (11.0%)
12 – 24 months	50 (12.2%)	233 (22.7%)	100 (17.3%)	263 (19.0%)
24 – 36 months	49 (12.0%)	240 (23.3%)	83 (14.4%)	322 (23.2%)
36+ months	119 (29.0%)	426 (41.4%)	128 (22.1%)	636 (45.9%)
Gender				
Female	196 (47.8%)	503 (48.9%)	300 (51.9%)	660 (47.7%)
Male	214 (52.2%)	525 (51.1%)	278 (48.1%)	725 (52.3%)
Family history of T1D				
No	371 (90.5%)	936 (91.1%)	538 (93.1%)	1278 (92.3%)
Yes	39 (9.5%)	92 (8.9%)	40 (6.9%)	107 (7.7%)
Maternal age at birth of child				
<25 years	89 (21.7%)	140 (13.6%)	86 (14.9%)	130 (9.4%)
25 – 35 years	269 (65.6%)	734 (71.4%)	386 (66.8%)	1056 (76.2%)
>35 years	52 (12.7%)	154 (15.0%)	106 (18.3%)	199 (14.4%)
Maternal education when child was 9 months				
Primary education	54 (13.2%)	77 (7.5%)	227 (39.3%)	406 (29.3%)
Some college/trade school	118 (28.8%)	272 (26.5%)	103 (17.8%)	226 (16.3%)
College degree	216 (52.7%)	656 (63.8%)	233 (40.3%)	746 (53.9%)
Missing	22 (5.4%)	23 (2.2%)	15 (2.6%)	7 (0.5%)
Probiotics by age 90 days				
No	248 (60.5%)	619 (60.2%)	454 (78.5%)	1240 (89.5%)
Yes	162 (39.5%)	409 (39.8%)	124 (21.5%)	145 (10.5%)
Flu vaccine received during pregnancy				
No	381 (95.0%)	1011 (99.0%)	551 (95.7%)	1380 (99.8%)
Yes	20 (5.0%)	10 (1.0%)	25 (4.3%)	3 (0.2%)
Child received seasonal flu vaccine				
No	294 (71.7%)	425 (41.3%)	572 (99.0%)	1387 (98.7%)
Yes	116 (28.3%)	603 (58.7%)	6 (1.0%)	18 (1.3%)
HLA-DR genotype				
DR4-DQ8/DR4-DQ8	59 (14.4%)	178 (17.3%)	136 (23.5%)	292 (21.1%)
DR3-DQ2/DR4-DQ8	146 (35.6%)	344 (33.5%)	221 (38.2%)	587 (42.4%)
DR4-DQ8/DR8-DQ4	123 (30.0%)	316 (30.7%)	83 (14.4%)	173 (12.5%)
DR3-DQ2/DR3-DQ2	62 (15.1%)	148 (14.4%)	132 (22.8%)	307 (22.2%)
DR-DQ-FDR specific	20 (4.9%)	42 (4.1%)	6 (1.0%)	26 (1.9%)
SNPs				

rs2476601 in PTPN22				
GG	297 (77.3%)	708 (69.3%)	452 (79.2%)	1107 (80.2%)
AG	78 (20.3%)	283 (27.7%)	113 (19.8%)	257 (18.6%)
AA	9 (2.3%)	31 (3.0%)	6 (1.1%)	16 (1.2%)
rs689 in INS-23Hph1				
TT	232 (60.4%)	643 (62.9%)	322 (56.4%)	733 (53.1%)
AT	134 (34.9%)	336 (32.9%)	211 (37.0%)	551 (39.9%)
AA	18 (4.7%)	43 (4.2%)	38 (6.7%)	96 (7.0%)
rs231775 in CTLA-4				
AA	93 (24.2%)	197 (19.3%)	176 (30.8%)	428 (31.0%)
AG	196 (51.0%)	539 (52.7%)	294 (51.5%)	667 (48.3%)
GG	95 (24.7%)	286 (28.0%)	101 (17.7%)	285 (20.7%)
rs2292239 in ERBB3				
GG	170 (46.2%)	472 (47.6%)	206 (43.6%)	540 (41.7%)
TG	160 (43.5%)	426 (43.0%)	218 (46.1%)	593 (45.8%)
TT	38 (10.3%)	93 (9.4%)	49 (10.4%)	162 (12.5%)
rs3184504 in SH2B3				
CC	128 (34.8%)	341 (34.4%)	125 (26.4%)	349 (26.9%)
TC	178 (48.4%)	479 (48.3%)	238 (50.3%)	673 (52.0%)
TT	62 (16.8%)	171 (17.3%)	110 (23.3%)	273 (21.1%)
rs10517086				
GG	179 (48.6%)	505 (51.0%)	239 (50.5%)	665 (51.4%)
AG	157 (42.7%)	421 (42.5%)	185 (39.1%)	523 (40.4%)
AA	32 (8.7%)	65 (6.6%)	49 (10.4%)	107 (8.3%)
rs12708716 in CLEC16A				
AA	173 (47.3%)	454 (45.9%)	206 (43.8%)	560 (43.4%)
AG	146 (39.9%)	430 (43.4%)	209 (44.5%)	587 (45.5%)
GG	47 (12.8%)	106 (10.7%)	55 (11.7%)	144 (11.2%)
rs4948088 in COBL				
CC	347 (94.3%)	933 (94.1%)	412 (87.1%)	1171 (90.4%)
AC	20 (5.4%)	56 (5.7%)	59 (12.5%)	119 (9.2%)
CC	1 (0.3%)	2 (0.2%)	2 (0.4%)	5 (0.4%)