

Table S1: Demographics and Baseline Characteristics

	Placebo (N=12)	20 µg (N=18)	100 µg (N=18)	Overall (N=48)
Clinical site, n (%)				
George Washington University	6 (50.0)	9 (50.0)	9 (50.0)	24 (50.0)
Fred Hutchinson Cancer Research Center	6 (50.0)	9 (50.0)	9 (50.0)	24 (50.0)
Sex at Birth, n (%)				
Female	6 (50.0)	5 (27.8)	12 (66.7)	23 (47.9)
Male	6 (50.0)	13 (72.2)	6 (33.3)	25 (52.1)
Gender, n (%)				
Female	6 (50.0)	4 (22.2)	8 (44.4)	18 (37.5)
Male	5 (41.7)	13 (72.2)	6 (33.3)	24 (50.0)
Transgender Male	0 (0.0)	1 (5.6)	3 (16.7)	4 (8.3)
Transgender Female	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Gender Queer	1 (8.3)	0 (0.0)	0 (0.0)	1 (2.1)
Gender Variant or Non-Conforming	0 (0.0)	0 (0.0)	1 (5.6)	1 (2.1)
Self-Identify	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Preferred not to Answer	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Ethnicity, n (%)				
Not Hispanic and Not Latino	10 (83.3)	17 (94.4)	15 (83.3)	42 (87.5)
Hispanic or Latino	2 (16.7)	1 (5.6)	3 (16.7)	6 (12.5)
Race, n (%)				
White	8 (66.7)	15 (83.3)	10 (55.6)	33 (68.8)
Black or African American	1 (8.3)	1 (5.6)	2 (11.1)	4 (8.3)
Asian	1 (8.3)	2 (11.1)	2 (11.1)	5 (10.4)
American Indian or Alaska Native	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Native Hawaiian or Other Pacific Islander	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Multiracial ¹	2 (16.7)	0 (0.0)	3 (16.7)	5 (10.4)
Other/Unknown	0 (0.0)	0 (0.0)	1 (5.6)	1 (2.1)
Age (years) at First Vaccination				
N	12	18	18	48
Mean (SD)	29.1 (8.04)	31.9 (8.80)	28.4 (6.22)	29.9 (7.72)
Median	27.0	28.5	28.0	27.0
Range	18-46	22-48	19-40	18-48
Height (cm)				
N	12	18	18	48
Mean (SD)	170.6 (7.43)	174.6 (10.12)	167.5 (8.63)	171.0 (9.30)
Median	169.1	173.8	166.3	170.0
Range	160.0-183.5	160.0-195.6	152.4-185.4	152.4-195.6
Weight (kg)				
N	12	18	18	48
Mean (SD)	77.8 (15.97)	77.6 (10.94)	72.2 (16.26)	75.6 (14.35)
Median	74.4	76.3	70.3	72.7
Range	56.4-103.4	58.5-105.7	51.8-115.0	51.8-115.0
BMI (kg/m²)				
N	12	18	18	48
Mean (SD)	26.7 (5.26)	25.5 (3.25)	25.5 (3.99)	25.8 (4.04)
Median	25.2	26.0	25.3	25.6
Range	20.0-34.7	18.5-29.5	19.9-33.6	18.5-34.7

N = Total number of volunteers in the randomized population within each group

n = Number of volunteers

% = Percentage of volunteers per group in each category, i.e., $100 \times n/N$

¹ Volunteers claiming to be of more than one race are classed as multiracial