

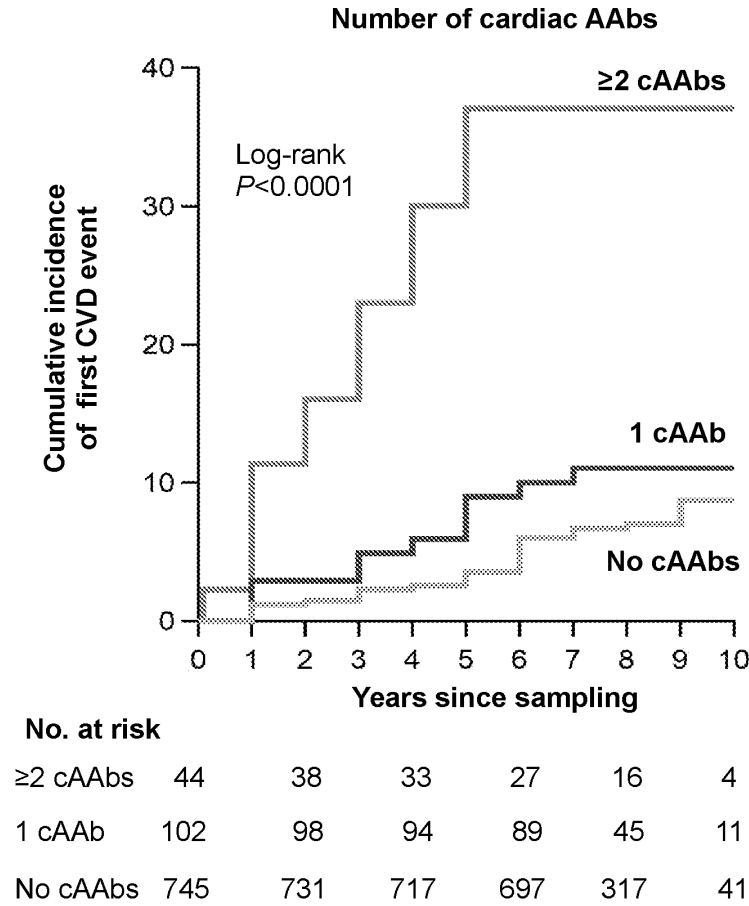


FIG. 1A

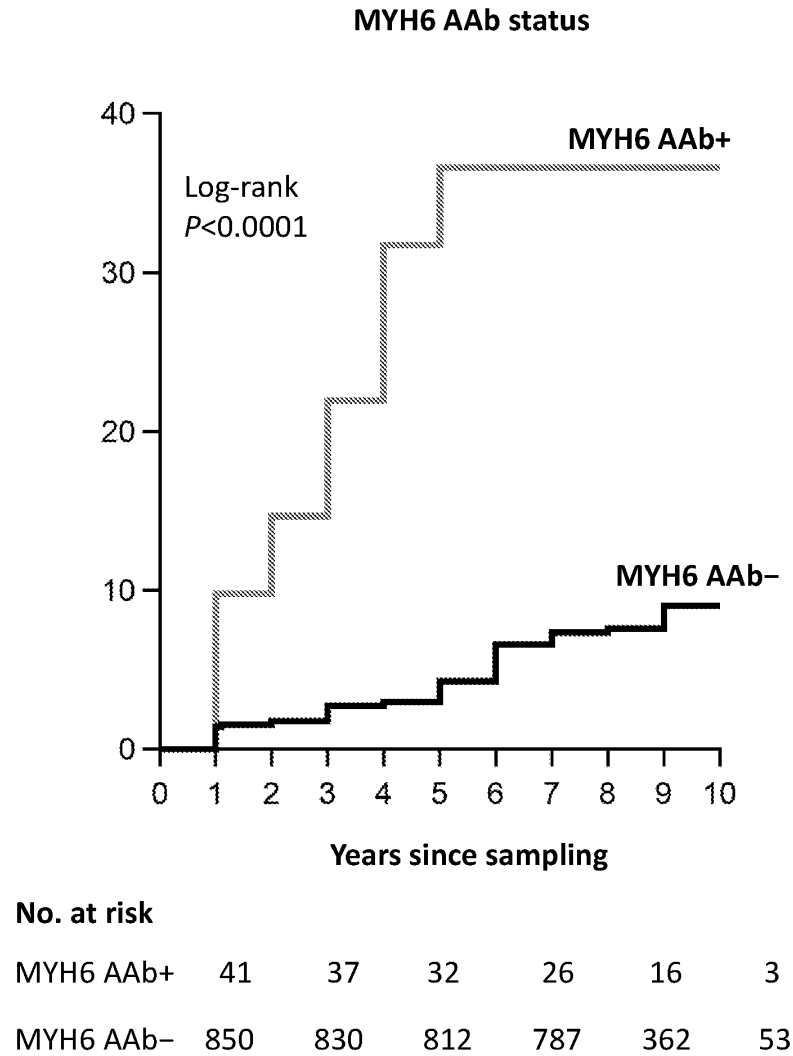


FIG. 1B

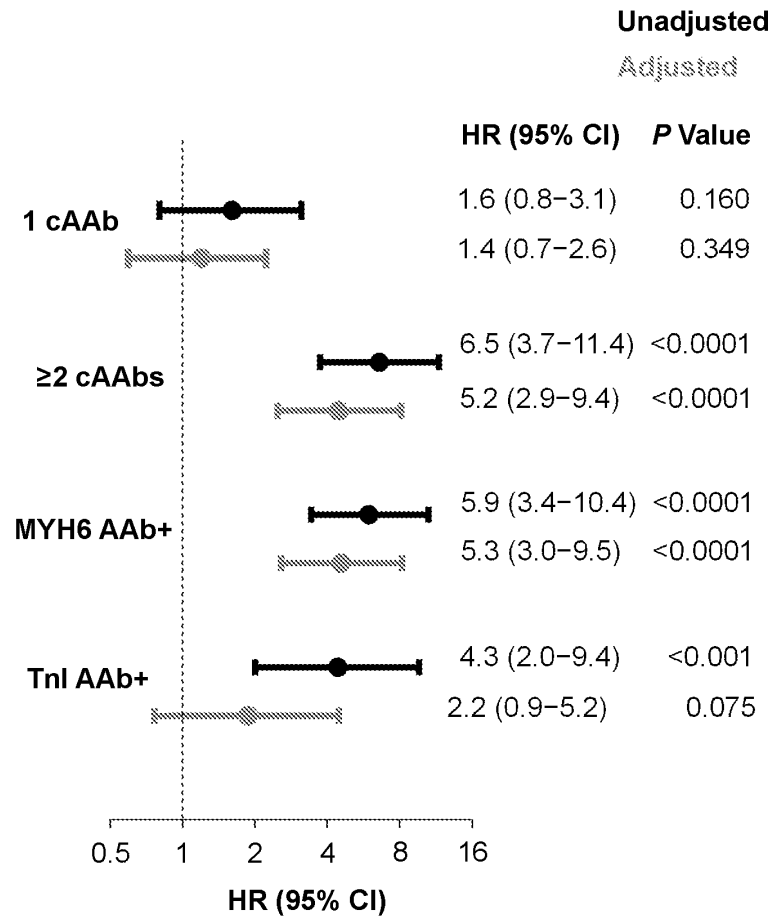


FIG. 1C

Cytokine, pg/mL	No cAABs (Ref.) (n = 146)	1 cAAB (n = 99)	≥2 cAABs (n = 44)	P for trend [†]	MYH6 AABs (n = 41)	TnI AABs (n = 24)
IFN- γ	9.4 (6.0, 13.0)	15.2 (6.0, 36.9) ^{**}	22.1 (13.1, 54.3) ^{**}	<0.001	17.4 (11.6, 53.1) ^{**}	25.5 (6.9, 67.6) ^{**}
TNF- α	7.2 (4.9, 9.5)	9.5 (6.3, 24.3) ^{**}	17.2 (11.1, 25.4) ^{**}	<0.001	12.7 (7.1, 25.4) ^{**}	12.6 (7.1, 23.8) ^{**}
G-CSF	18.3 (12.0, 24.3)	22.0 (10.8, 41.6) [*]	39.1 (26.5, 85.0) ^{**}	<0.001	33.0 (22.6, 59.5) ^{**}	41.6 (24.3, 96.4) ^{**}
EGF	32.9 (22.7, 46.9)	32.0 (18.6, 69.5)	57.4 (38.0, 83.3) ^{**}	<0.001	47.6 (25.5, 69.0) [*]	55.6 (37.3, 82.8) [*]
sCD40L	1012 (611, 1501)	1208 (729, 1761)	1647 (1340, 2012) ^{**}	<0.001	1668 (1280, 1975) ^{**}	1393 (776, 1579)
CCL2/MCP-1	212 (192, 244)	262 (206, 333) ^{**}	236 (218, 305) ^{**}	<0.001	246 (230, 341) ^{**}	228 (196, 284)
CCL22/MDC	368 (295, 538)	369 (297, 447)	661 (475, 885) ^{**}	0.002	604 (424, 770) ^{**}	413 (312, 751)
GM-CSF	13.8 (9.0, 19.6)	15.9 (7.4, 59.2)	26.1 (12.0, 64.1) [*]	0.007	59.2 (17.7, 75.1) ^{**}	18.8 (8.3, 67.0)
IL-12p70	2.8 (1.2, 4.8)	2.2 (0.1, 9.3)	4.5 (2.5, 7.5) ^{**}	0.009	5.6 (1.6, 13.1) [*]	2.8 (0.4, 6.3)
IL-8	9.4 (7.6, 15.3)	9.4 (5.6, 18.7)	16.1 (10.6, 29.7) ^{**}	0.010	18.7 (9.9, 47.2) [*]	11.5 (6.7, 26.6)
IL-6	3.2 (1.5, 9.1)	4.2 (1.3, 12.1)	9.3 (2.0, 28.0) ^{**}	0.022	22.7 (3.3, 41.4) ^{**}	5.7 (1.3, 14.5)
IL-10	6.8 (2.5, 13.1)	2.3 (1.3, 6.5) ^{***}	5.2 (3.4, 7.8)	0.005	3.4 (2.1, 5.2) ^{***}	4.9 (2.4, 9.1)
CXCL10/IP-10	81.5 (61.5, 100.6)	62.8 (48.6, 91.9) ^{**}	90.1 (38.3, 160.3)	0.046	104.5 (47.2, 148.0)	82.1 (44.1, 145.6)
IL-15	4.5 (2.0, 6.6)	2.6 (1.2, 4.9) ^{**}	4.2 (2.6, 5.3)	0.069	4.5 (2.5, 5.9)	2.8 (1.4, 4.3) [*]
CCL7/MCP-3	24.6 (18.7, 36.1)	22.5 (11.4, 45.1)	30.8 (24.5, 48.9) ^{**}	0.087	29.9 (22.3, 50.4) [*]	28.3 (14.4, 42.6)
IL-2	1.7 (1.2, 3.1)	1.3 (0.3, 3.0) ^{**}	1.6 (0.9, 3.8)	0.100	1.4 (0.9, 4.1)	1.5 (0.5, 2.7)
TGF- α	4.3 (3.1, 5.9)	3.1 (2.0, 5.2) ^{**}	5.1 (2.8, 6.8)	0.173	5.0 (2.4, 6.9)	3.8 (2.1, 5.4)
IL-1RA	19.9 (14.5, 33.1)	19.2 (12.3, 35.4)	29.9 (13.6, 41.1)	0.392	31.4 (16.0, 55.3) [*]	24.0 (11.3, 36.9)
IL-1 β	2.9 (1.4, 6.1)	2.0 (0.7, 4.2) [*]	3.4 (2.0, 5.3)	0.473	3.7 (2.0, 5.5)	2.0 (1.2, 4.0)

FIG. 2A

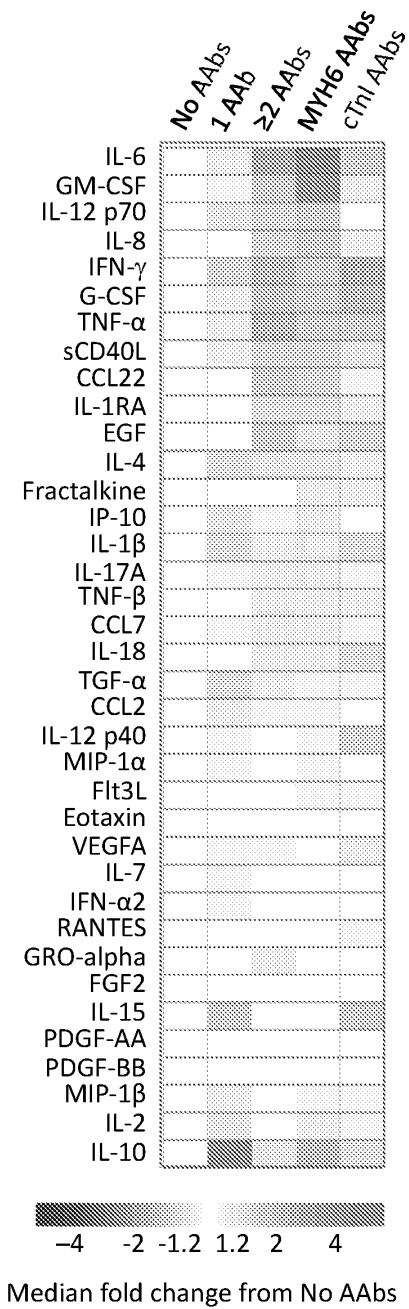


FIG. 2B

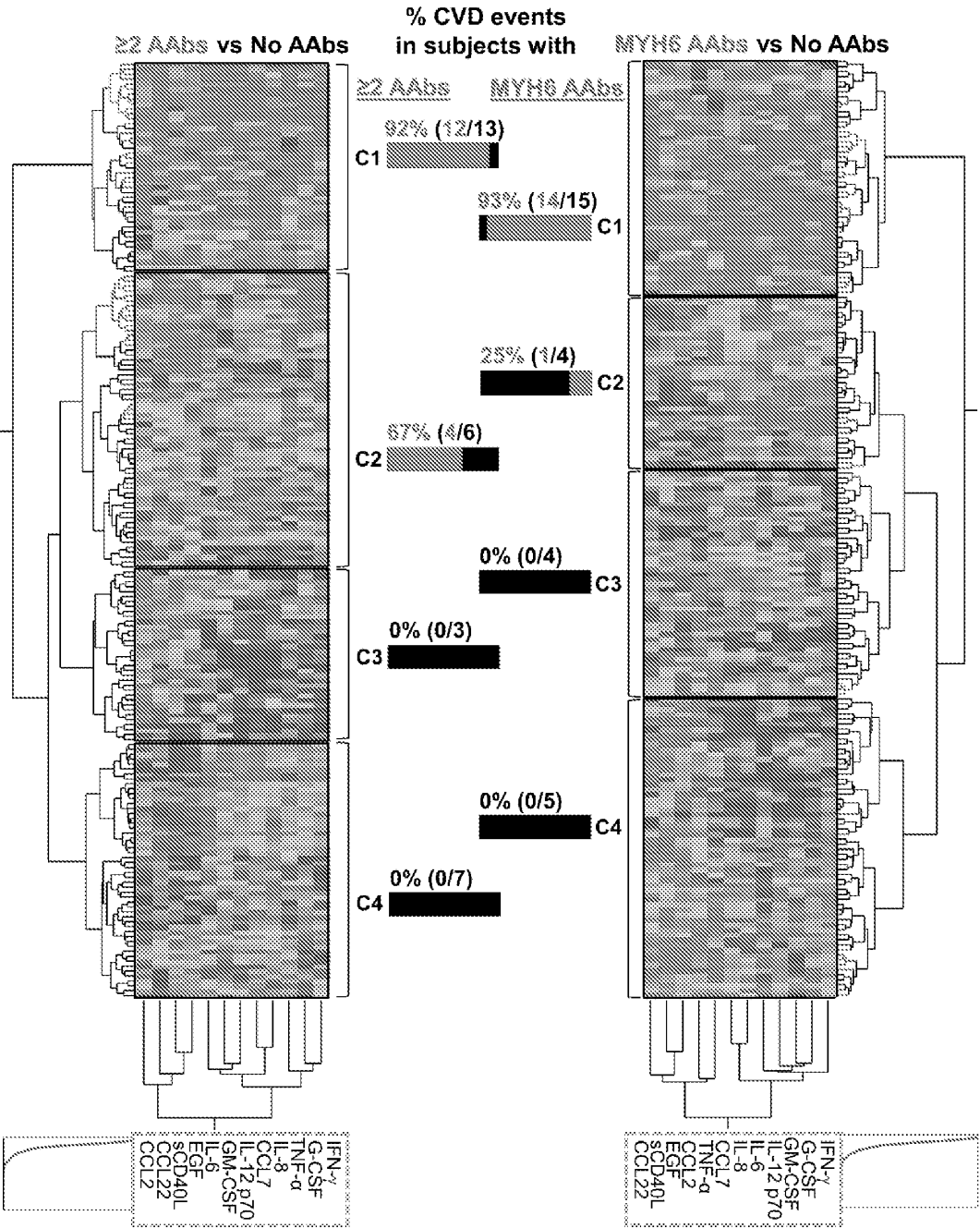


FIG. 2C

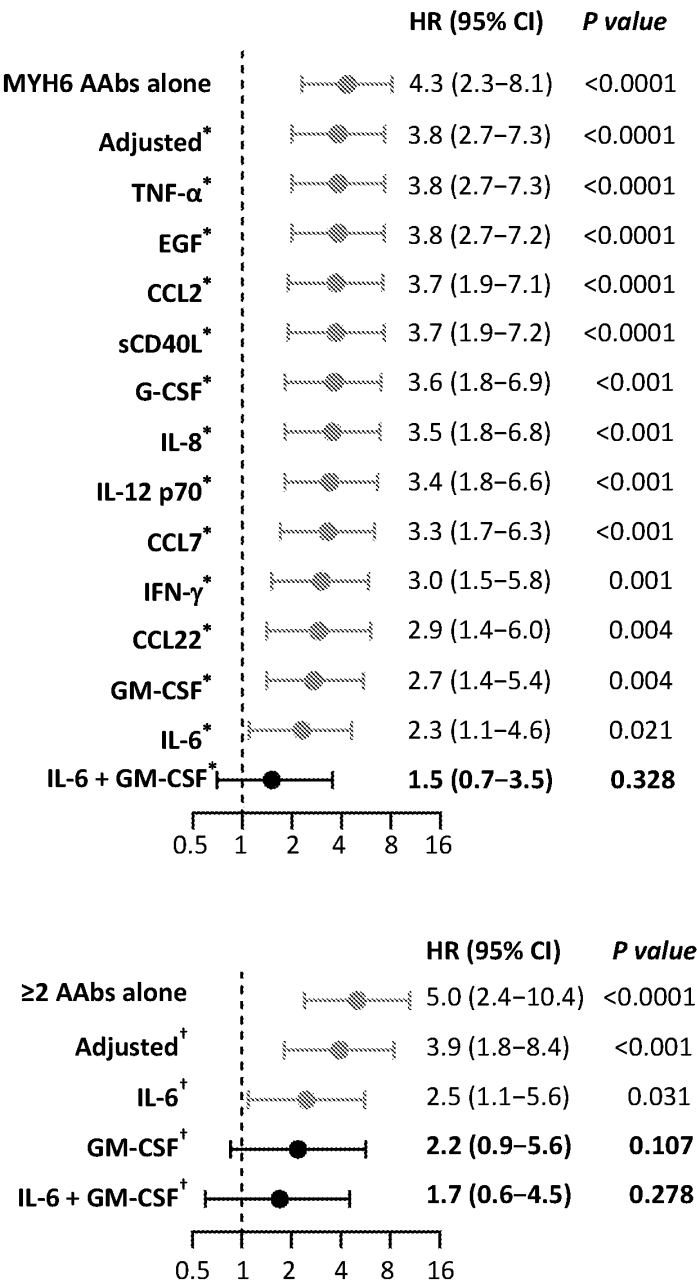


FIG. 2D

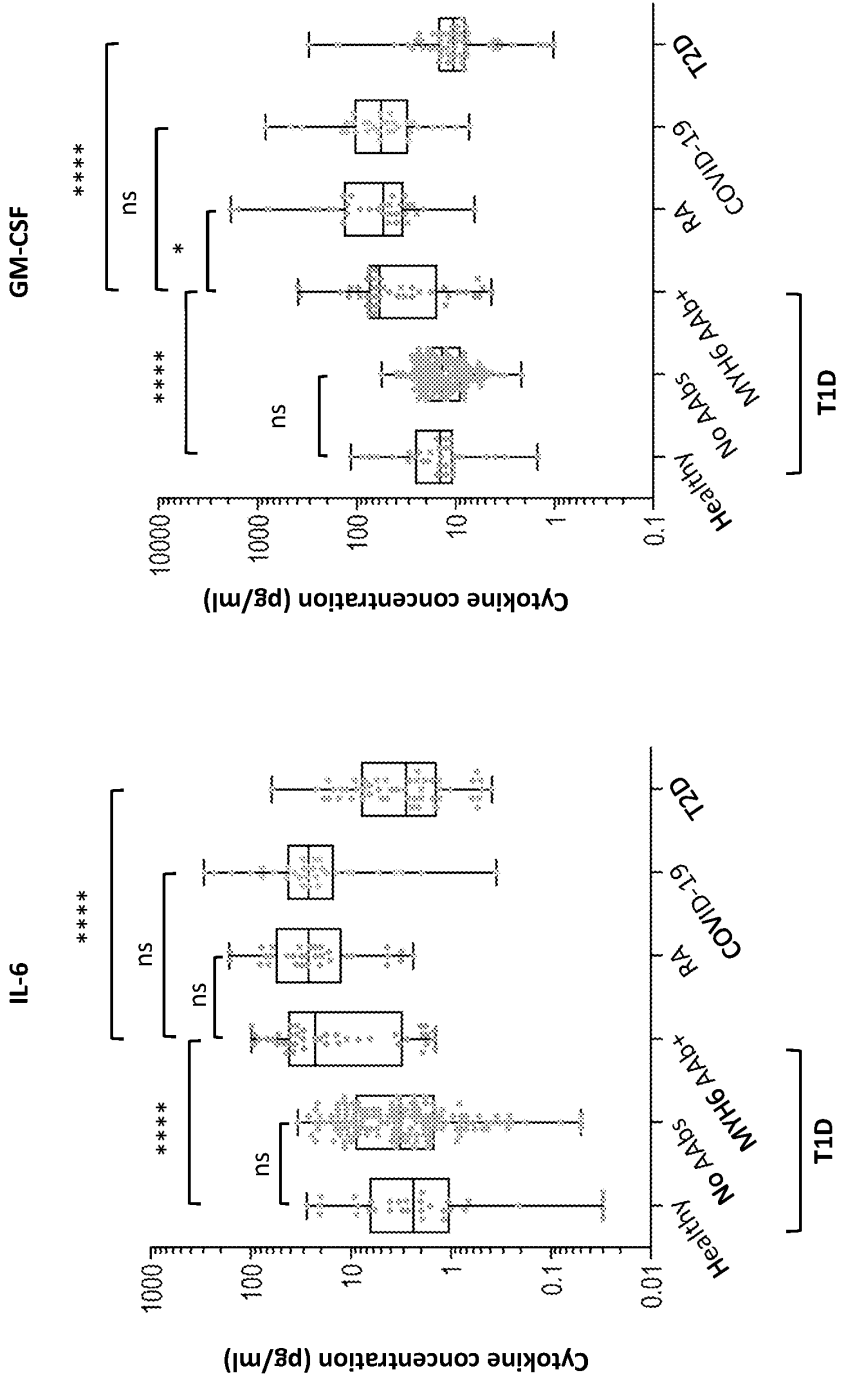


FIG. 3A

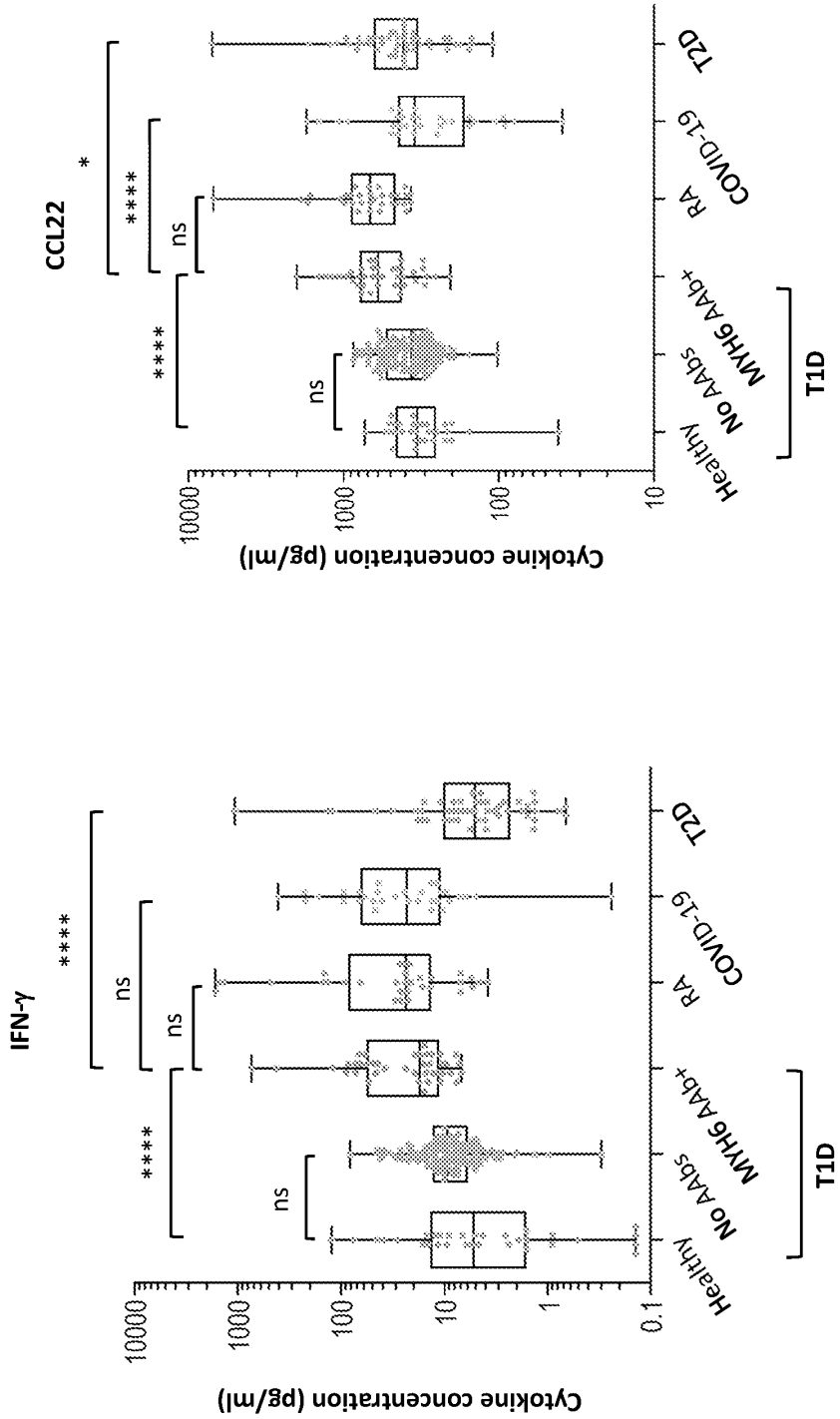


FIG. 3A (cont.)

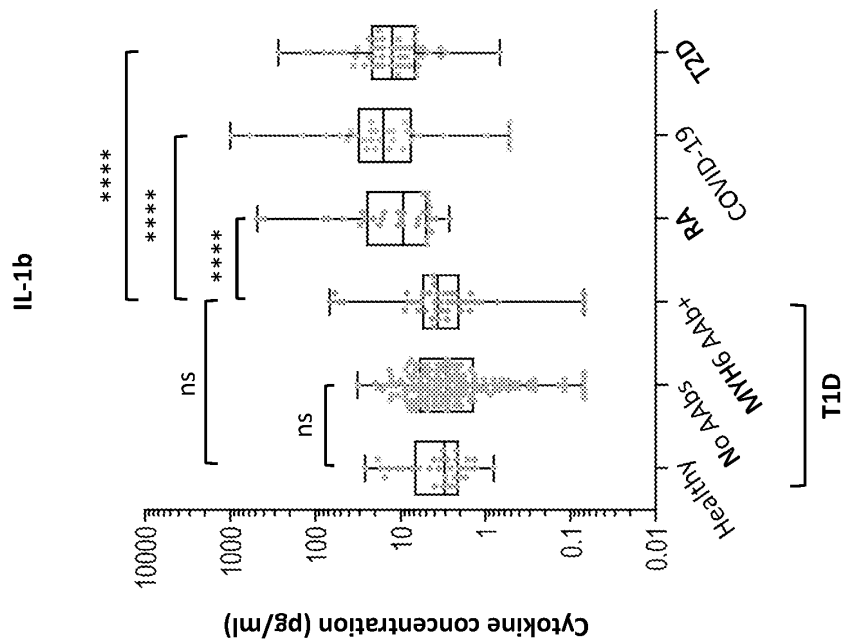


FIG. 3A (cont.)

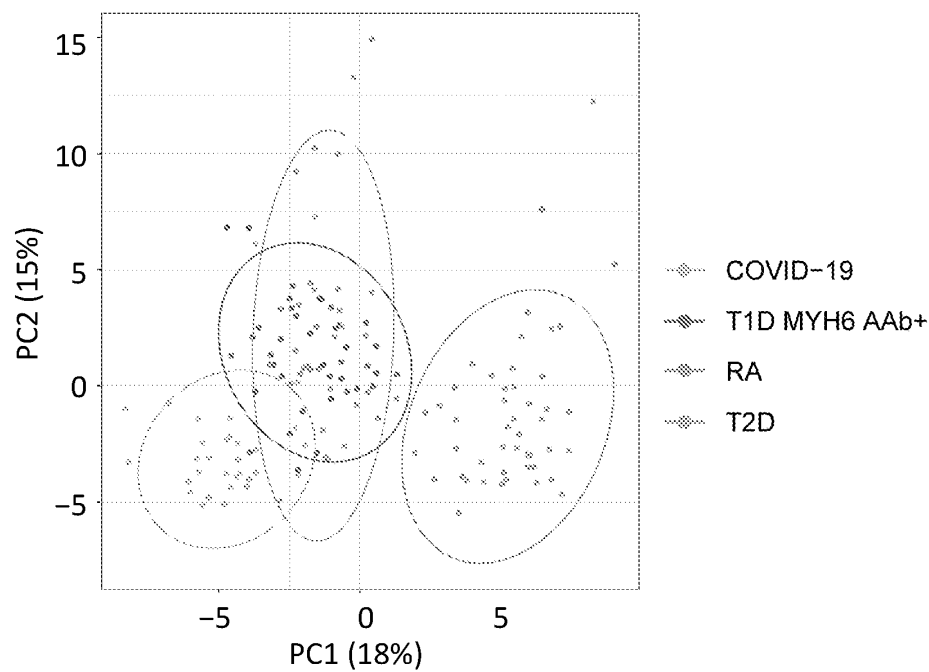


FIG. 3B

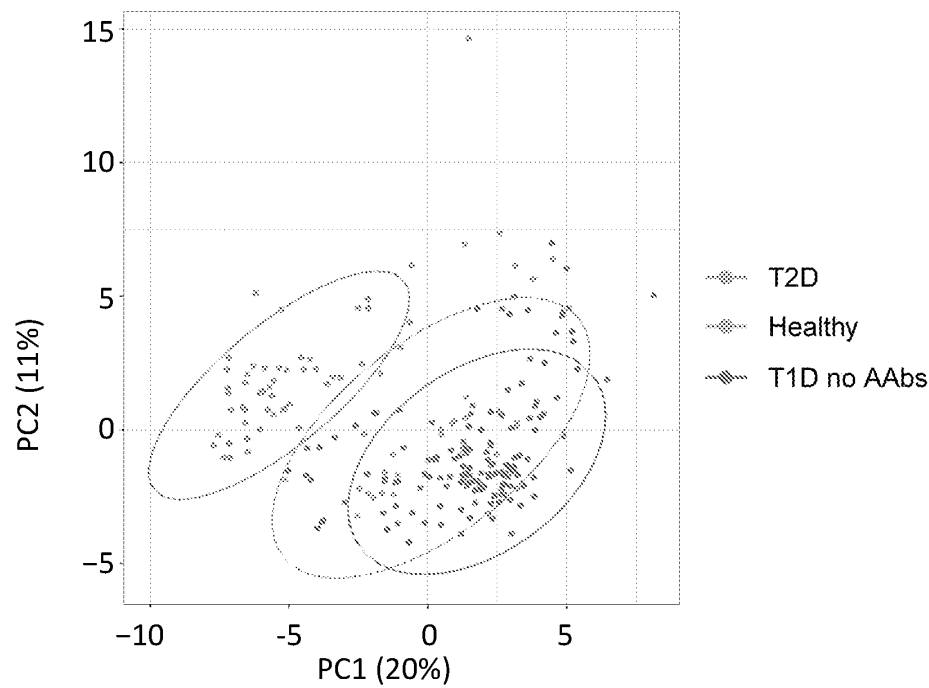


FIG. 3C

HLA type	MYH6 AAb+ (n = 15)	MYH6 AAb– (n = 64)	P value
DQ2	13 (87)	26 (41)	0.002
DQ2/2	5 (33)	0	<0.001
DQ8	5 (33)	25 (39)	0.681
DQ8/8	1 (7)	5 (8)	1.000
DQ2/DQ8	3 (20)	14 (22)	1.000
DQ2 or DQ8	15 (100)	48 (75)	0.030

FIG. 4A

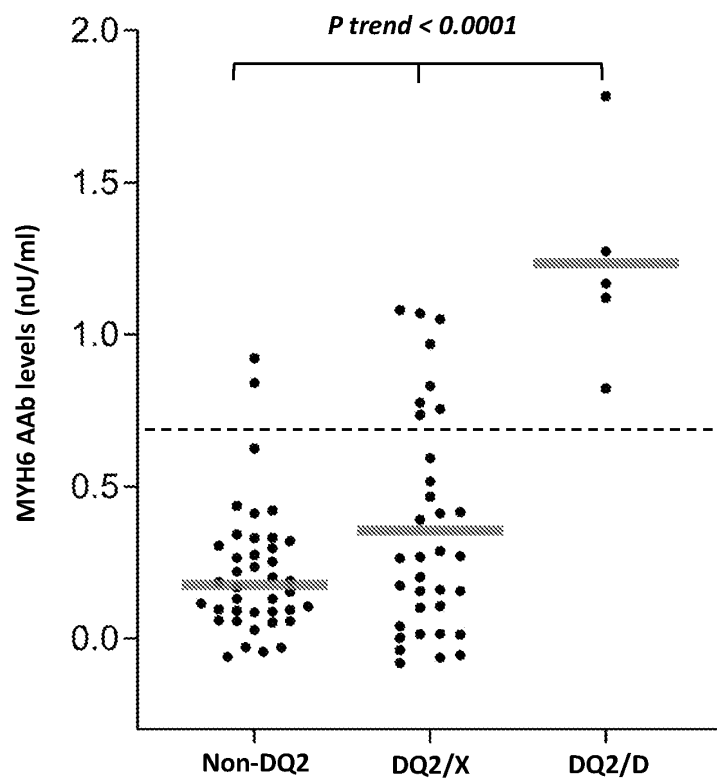


FIG. 4B

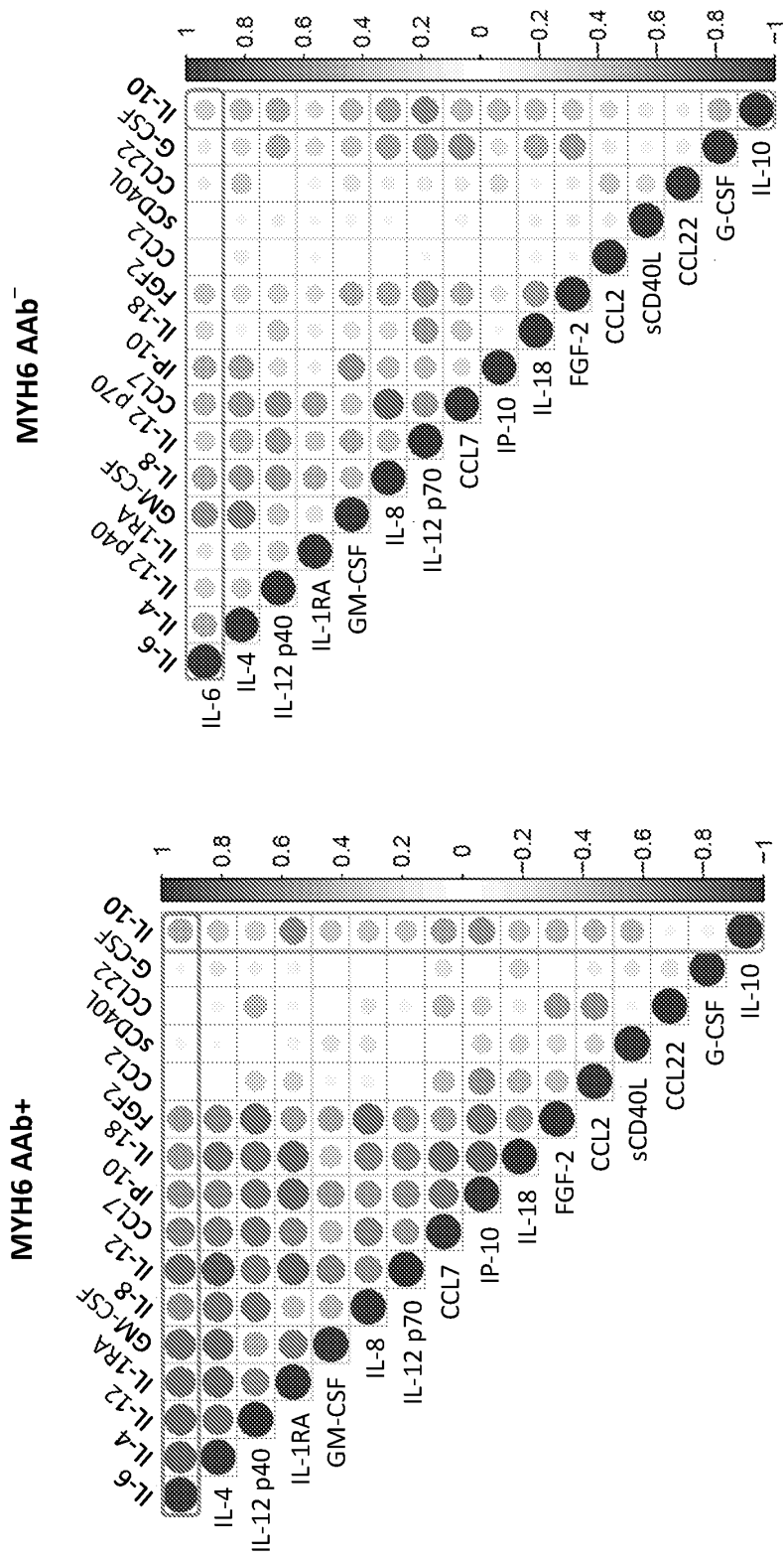


FIG. 4C

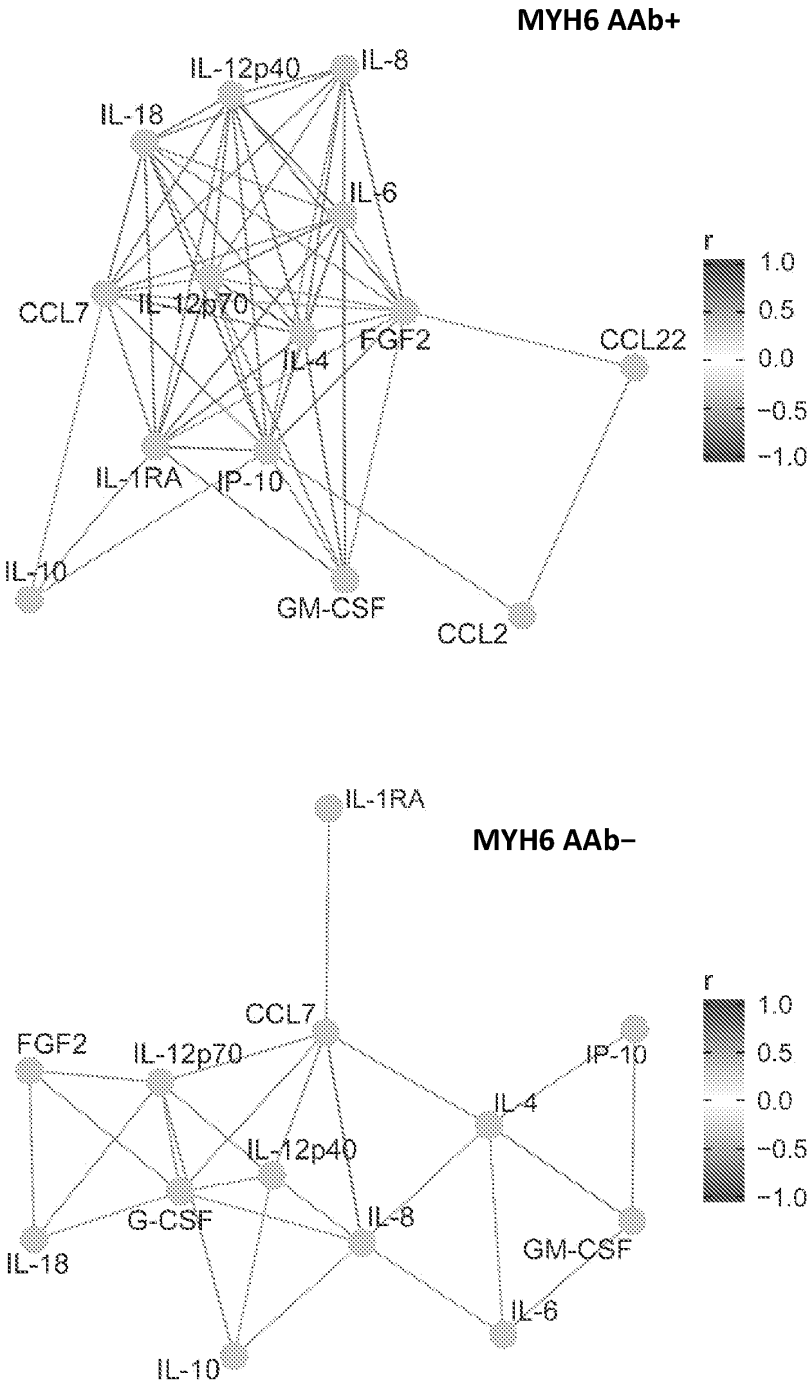


FIG. 4D

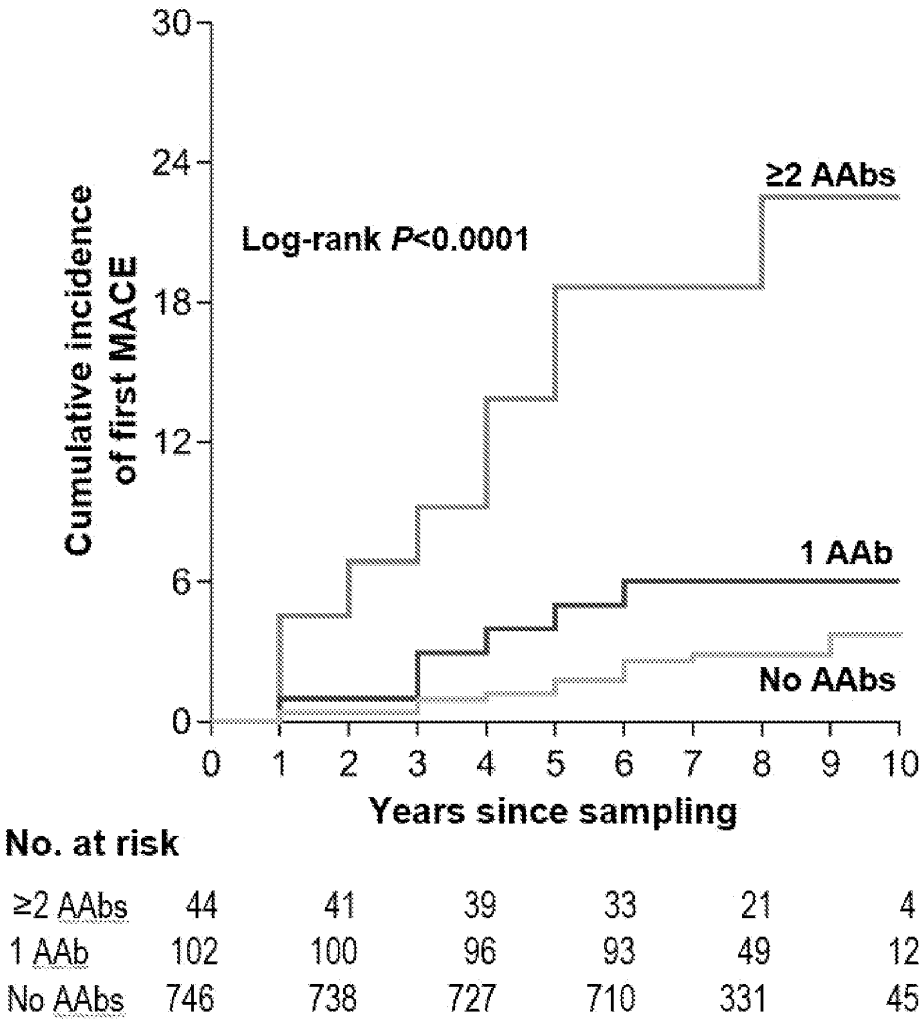


FIG. 5

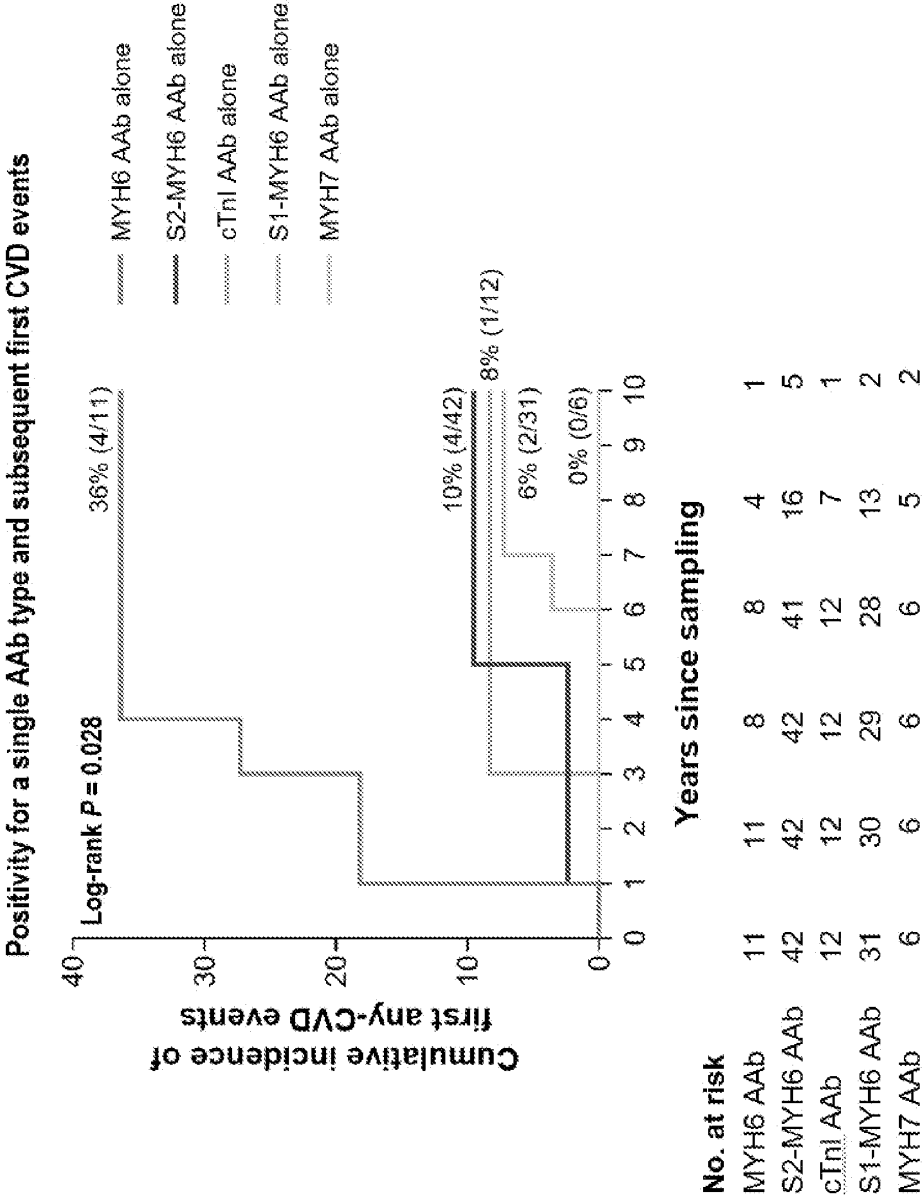


FIG. 6

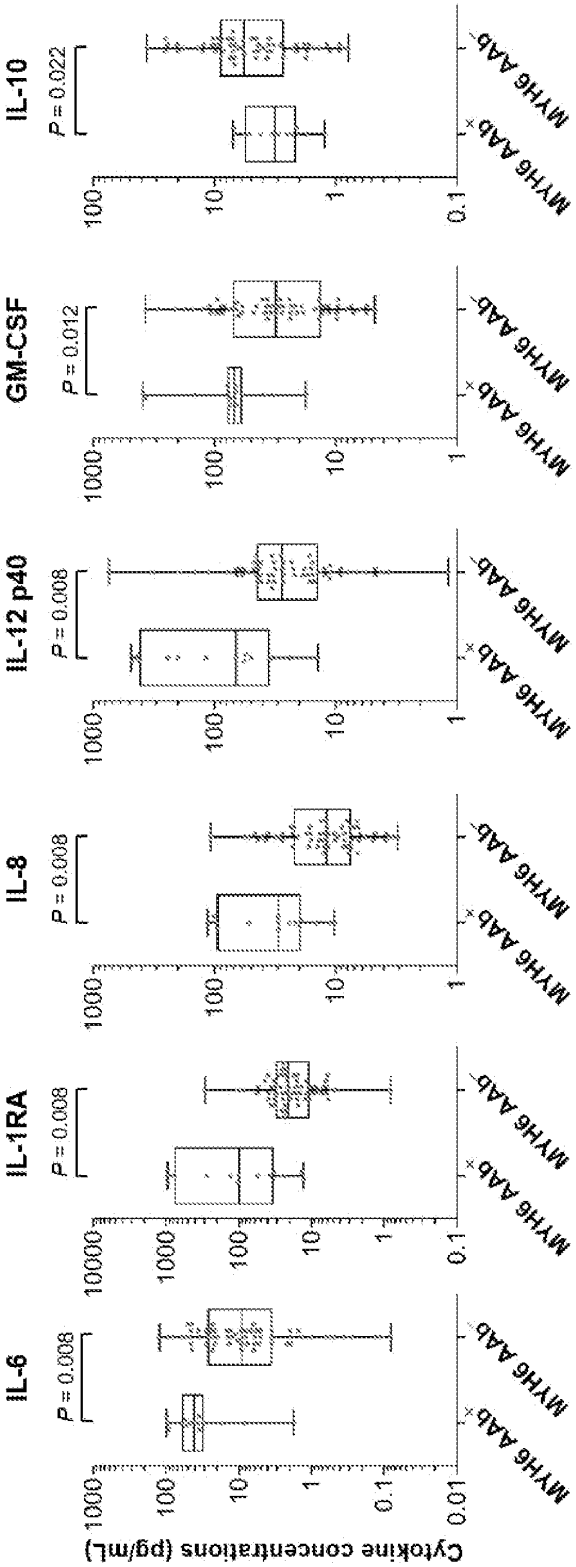


FIG. 7

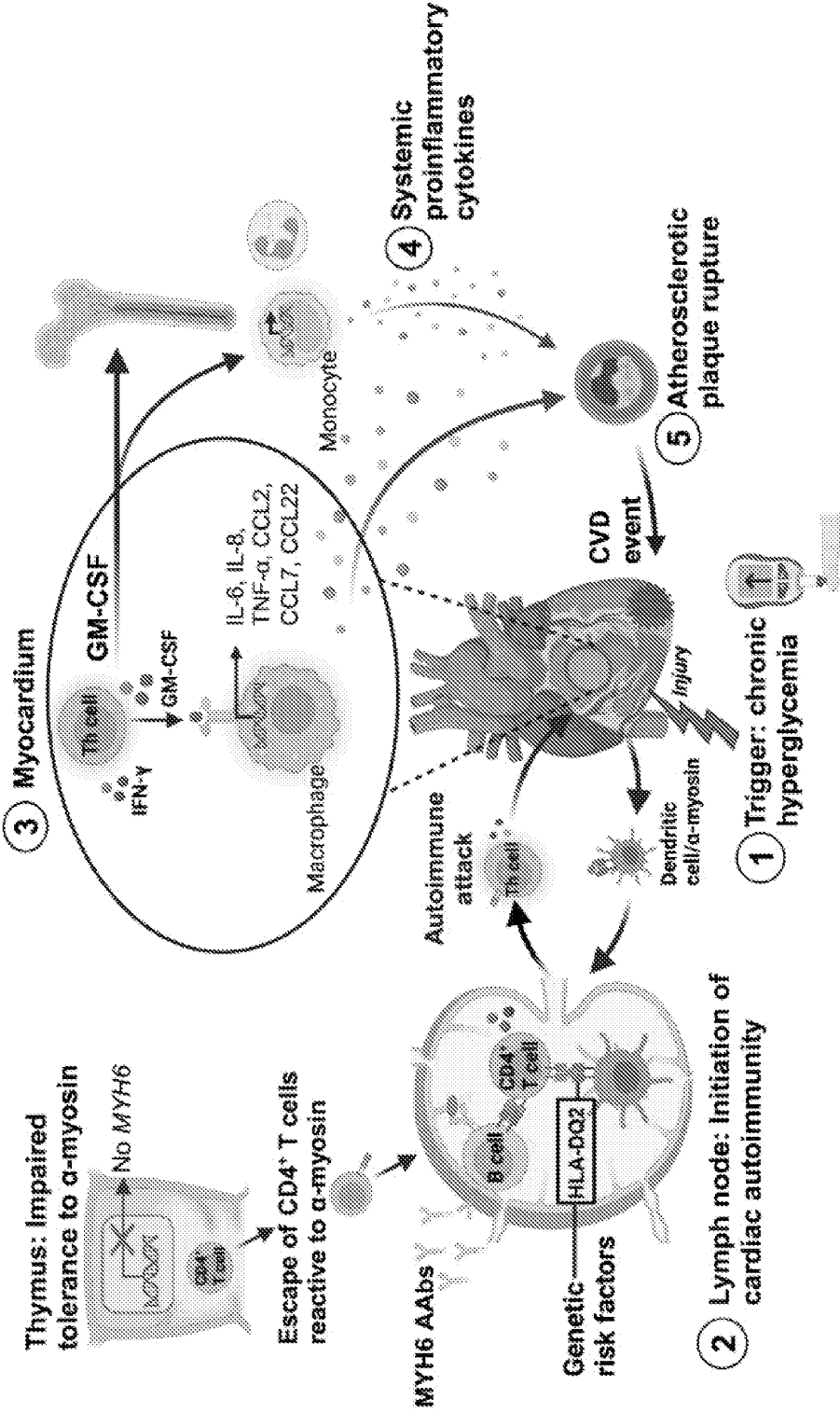


FIG. 8

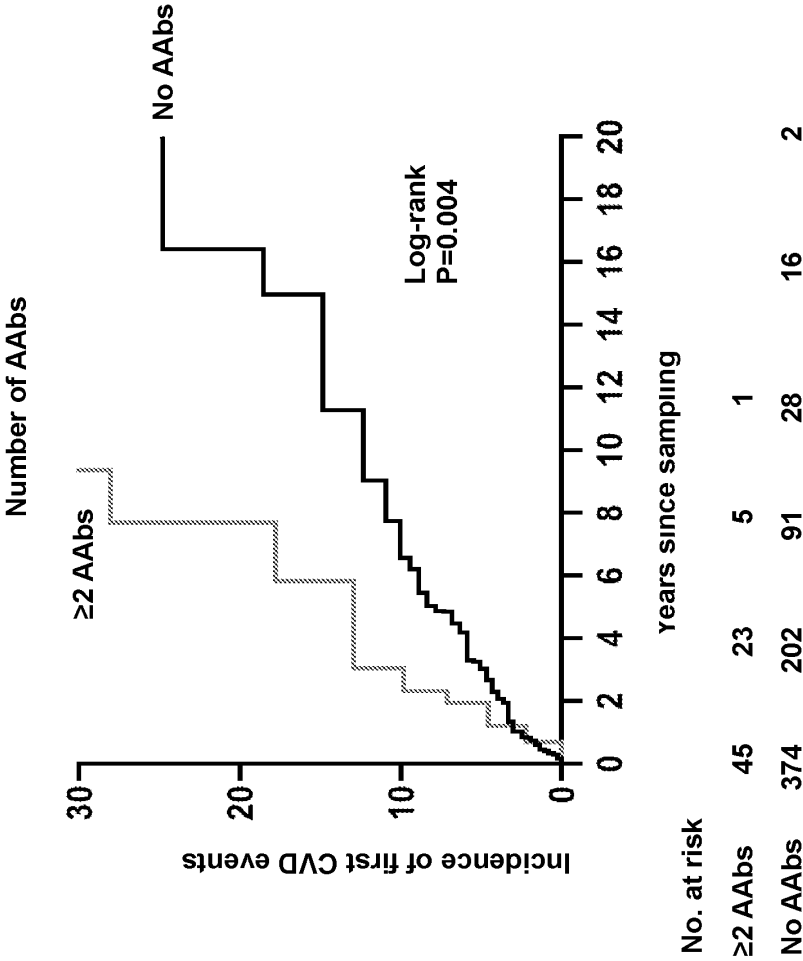


FIG. 9A

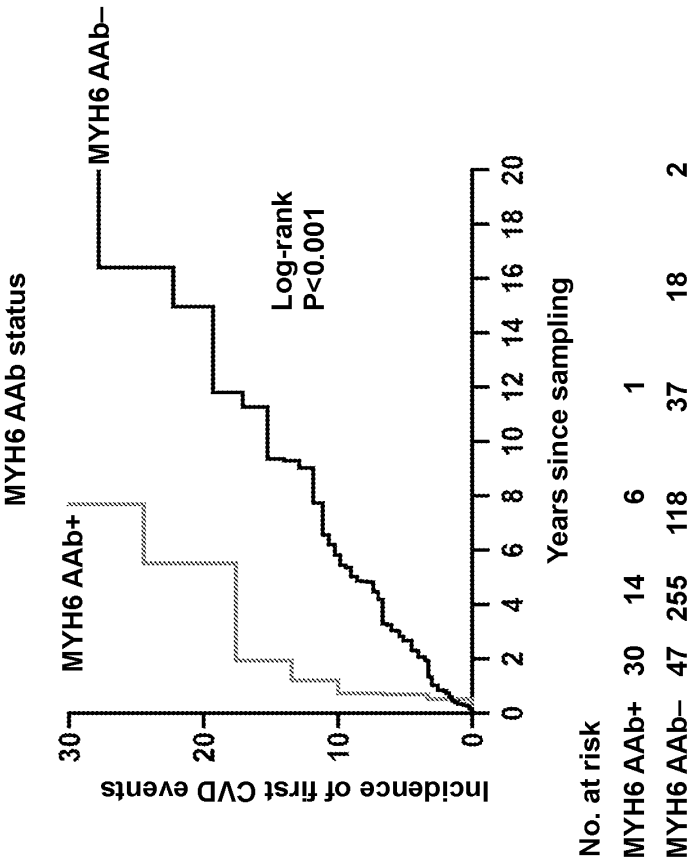


FIG. 9B