

**Duke Human Vaccine Institute Protein Production Facility**

**Constructs Produced: Antibodies**

<b>Construct name</b>	<b>Plasmid ID</b>
10-1074 Anti Idiotypic/Hybridoma	Stable Hybridoma
10-1074/293i	p10-1074wt_G1
10-1074/Hybridoma	Stable production
10-1074_4A/293i	10-1074H_4A/10-1074L
10-1074H_4A/293i	p10-1074H_4A
10E8_4A/293i	10E8VH_4A   10E8VL
10E8v4/293i	10E8v4-HC/10E8v4-LC
1-18/293i	p561_01_18_HC / p561_01_18_LC
12A12gl/293i	12A12_gH/12A12_gL
179NC75/293i	179NC75HC/179NC75LC
17B_LL/293i	p17bVH/p17bVK
180504GG1H/293i	180504GG1H
180504GG2H/293i	180504GG2H
180504GG3H/293i	180504GG3H
19BC12/Hybridoma	Stable production
1B2/Hybridoma	Stable production
1G4/Hybridoma	Stable production
2B6 IgG2b/293i	2B6 IgG2b heavy chain/2B6 kappa light chain
2B6 IgG2c/293i	2B6 IgG2c heavy chain/2B6 mKappa
2B6 IgG3/293i	2B6 IgG3/2B6 Kappa
2F5 UA/293i	pHV364
2F5H_4A/293i	P2F5H_4A
2G1/293i	2G1 huHC IgG1/2G1 huKLC
2G12_AAA/293i	HV1300380/HV00384
2G12IgG/293i	3BNC-2G12 IgG HC
35022/293i	35022_mab HC
35022H_4A/293i	p35022H-4A
35022/293i	35022 mAb HC/35022 mAb LC
35022H_4A/293i	p35022H_4A
35022H_4A/ExpiCHO	p35022H_4A
3BNC Anti-Idiotypic/Hybridoma	Stable production
3BNC/Hybridoma	Stable production
3BNC117 mAb/293i	3BNC117-rGk
3BNC117/293i	p3BNC117-G1
3BNC117_4A/293i	3BNC117H_4A/3BNC117L
3BNC117gl/293i	VRC3081/VRC3082
3G11/Hybridoma	Stable production
4025 IgG/293i	4025_HC_pF
447-52D/293i	447-52DVHRh, 447-52DVL
49_C07/293i	49C-C07 HC/49C-C07 LC
4E10_4A/293i	4E10H/4E10L
5-25-His IgG/293i	p3BNC-5-25-K409R-His IgG HC
531A07/293i	531A07H/531A07L
5C9/293i	5C9-IgG2a/5C9-VL-9E8-CL
65C6/293i	65C6 huHC IgG1/65C6 huKLC
697-30D/293i	p697DHC_RhG1_AAA/607D_RhLC
7B2_AAA/293i	HV13327/7B2VK
902090/293i	H902090Rh
9E9 anti-ID/293i	9E9-HC/9E9-kappa
9G3C8F4/293i (Anti-PGDM)	9G3C8F4_VH/9G3C8F4_VK
A125_A10/293i	125-A10 HC/125-A10 LC
A32 SEK/293i	pA32VH_SEK
A32_AAA/293i	HV13569/HV13567
A32_Fab/293i	A32VH_G1_FabH/A32VL.v2
A32_G1.4A/293i	A32VH_G1.4A/A32VL.v2
AB-000236_IgG2/293i	pAB000236VH_G2
AB-000236_IgG4/293i	pAB000236HV_G4
Ab000236VH_IgG1/293i	000236VH_IgG1/000236VL

Ab000236VH_IgG3/293i	p000236VH_IgG3
AB000334_IgG1/293i	000334VH_IgG1/000334VK
AB-000334_IgG2/293i	pAB000334VH_G2
AB-000334_IgG4/293i	pAB000334VH_G4
Ab000334VH_IgG1/293i	p000334VH_IgG1
Ab000334VH_IgG3/293i	p000334VH_IgG3
Ab026016_LS/293i	H026016_LS.v2/L024008.v2
AB026077_LS/293i	H026077_LS.v2/L024038.v2
AB026116_LS/293i	H026116_LS.v2/K023888.v2
Ab026863/293i (DH1284)	pH026863_G1.4A/pK024319.v2
Ab027860_IgG3/293i	H027860.v2_G3.v2/K024872
AB027865_IgG3/293i	pH028065_v2_G3.v2/L024885
Ab027890_IgA1/293i	H027890_v2_A1.v2/K024887
Ab028065_IgG3/293i	H028065_v2_G3.v2/L024885
Ab1456_IgG_LS/293i	3BNC-1456 NHP HC/3BNC-1456 NHP LC
Ab236_Fab/293i	Ab000236VH_G1_FabH/Ab000236VL.v2
Ab334_Fab/293i	Ab000334VH_G1_Fab_H/Ab000334VK.v2
Ab3784/293i	H3784-AAA
Ab531307_Fab/293i	pH531307FabH
Ab531343_G1.4A/293i	H531343_G1.4A/K531041.v2
Ab531593/293i	pH531593_G1.4A / pL530963.v2
Ab531933/293i	H531933_G1.4A / K531499.v2
Ab591203_G1.4A/293i	H591203_G1.4A/K590912.v2
Ab591777_G1.4A/293i	H591777_G1.4A/L590544.v2
Ab592111/293i	pH592111_G1.4A / pL590639.v2
Ab592117_G1.4A/293i	H592117_G1.4A/K591670.v2
Ab592174/293i	H592174_G1.4A / K591709.v2
Ab700358_G1.4A/293i	H700358_G1.4A/K700257.v2
Ab700364_G1.4A/293i	H700364_G1.4A
Ab700438_G1.4A/293i	H700438_G1.4A/K700312.v2
Ab700446_G1.4A/293i	H700446_G1.4A/K700317v.2
Ab700458_G1.4A/293i	H700458_G1.4A
Ab711733/293i	H711733_G1.4A/K711421.v2
Ab7417_4A/293i	H007417
Ab7419_4A	H007418_4A
Ab7424_4A/293i	H007424_4A/K005524
Ab7440_4A/293i	H007440_4A
Ab7573_4A/293i	H007573_4A/L002823
Ab7575_4A/293i	H007575_4A
Ab8904Fab/293i	pH008904FabH
Ab952039_G1.4A/293i	H592039_G1.4A/K591608.v2
AbCH3X_UCAI/293i	CH3XHUCAI/CH3XLC_UCA
AbCH58UCA/293i	pCH58H_UA_4A
AbPG16_RUA/293i	PG16VH_RUA/PG16VK_RUA
AbPG9_RUA/293i	PG9VH_RUA/PG9VK_RUA
AbSZP3074_4A/293i	pSZP3074VH_4A/pSZP3074VL
ACE-2 Human F/293F	HV1301983
ACS202_mAb/293i	ACS202HC/ACS202KC
ASbSZP3074_4A/293i	pSZP3074VH_4A
B13/293i	B13VH (VRC5975), B13VK (VRC5974)
B38/293i	B38VH
B6_IgG/293i	B6_HC_pF
BG18_gI/293i	Batman_B11_RNA_d36.10_H_pCW/Batman_B11_RNA_d36.10_K_pCW
BG18/293i	BG18_Mat_H_pF/ BG18_Mat_Lam_pF
BG18_G1.4A/293i	BG18VH_G1.4A
BG18_GLO_IgG/293i	BG18_GLO_HC_pF
BG18_GLO_Fab/293i	BG18_GLO_FabHC_pF
BG18_mat_IgG/293i	BG18_Mat_HC_pF
BG18_UCA_G1.4A/293i	BG18VH_UCA_G1.4A/ BG18VL_UCA.v2
C05/293i	C05 HC/C05 LC
C11_SEK/293i	pC11VH_SEK

C11_4A/293i	C11VH_4A
C11_Fab/293i	C11VHFab
CA147v24_W/ExpiCHO	CA147v24_W_VH.G1.4A/CA147v24_W_VK.V2
CAP248-2B mAb/293i	CAP248-2B HC/ CAP248-2B LC
CAP256.25V2_4A/293i	CAP256.25IgH_K100mA_4A_3.1/CAP256.25_IgL_3.1
CAP256.25V2_LS/293i	CAP256.25IgH_K100mA_LS_3.1/CAP256.25_IgL_3.1
CAP256-VRC26.25LS/293i	CAP256V2LS/CAP256-VRC26.25
CAP256-VRC26.25LS/293i	CAP256-VRC26.25/CAP256V2LS
Cat_7B2_IgA2/293i	7B2HC_IgA2/7B2VK
Cat_82_AAA/293i	CH65HC_AAA/L24-16
CD4-IgG/293F	CMVR eCD4-IgG1-v3
CD4-IgG/293i	CMVR eCD4-IgG1-v14/TPST-2
CD4-IgG/293i	CMVR eCD4-IgG1-v3
CD4-IgG/293i	eCD4 Ig
CD4-IgG/CHO	CMVR eCD4-IgG1-v14/TPST-2
CH01/293i	pCH90025_AAA/pCK90031
CH01_RUA3_4A/293i	219VH_UCA_4A/219VK_UCA
CH103_4A/293i	SCH505-1_VH/SCH505_1VL
CH103_IA_2_4A/293i	SCH505-2_VH_4A/CL505_I2_VL
CH103_IA_3.2_4A/293i	CL505_I3_VH_4A
CH103_IA_5_4A/293i	pCL505_I5_VH_4A
CH103_IA_7_4A/293i	pCL505_I7_VH_4A
CH103_UCA_4A/293i	CL505UCA_VH_4A/CL505_UCA_VL
CH103_UCA1.1_4A/293i	pCL505UCAmut-VH_4A
CH103UCAFabH/293i	CL505UCA_VH_FabH
CH103UCAGrand5/293i	pCH103UCAGrand5
CH106_4A/293i	SCH505-4_VH_G1M17
CH106_G1_Fab/293i	SCH505-4_G1_FabH/SCH505-4_VL.v2
CH106_G1M17/293i	SCH505-4_VH_G1M17/SCH505-4_4VL.v2
CH235.12.I50/293i	H590193_224_Y50I_4A
CH235.12/293i	H590193_224_4A/K590134_160
CH235.I35_G1.4A/293i	CH235.I35VH_G1.4A/CH235.I35VK.V2
CH235.I39_G1.4A/293i	CH235.I39VH_G1.4A/CH235.I39VK.V2
CH235UCAtkLL.Y50/293i	DH235VH_UCAtk_v2_150Y_4A
CH235VH_I2_v2_4A/293i	DH235VH_I2_v2_4A/ DH235VK_I2-3
CH31 IgA mAb/293i	pCH31A1H
CH31 IgG/293i	Vf5H/vf5K
CH44_AAA/293i	H004016_AAA
CH58_4A/293i	CH900046/CL900023
CH58_IgG3/293i	pCH900046_G3
CH59_4A/293i	pCH900047
CH59_IgG3/293i	CH900047G3/CL900024
CH65_G1DHS/293i	CH65_G1DHS
CH65_G1LS/293i	CH65_G1LS
CH65_G1M17/293i	CH65_G1M17
CH65_G1M17/CHO	CH65_G1M17
CH90-AAA IgG1/293i	pH5251-E10
CR8033 hlgG1/293i	CR8033
CR9114 slgA1/293i	CR9114VH_G1_hulgA1/CR9114VL_HV1301414.v2/C-hJC /C-hJC
CR9114/CHO	Stable Cell line
DH1028/293i	H023364Rh / L022326Rh
DH1041/293i	pH026124_LS.v2/pL024055.v2
DH1042/293i	H026103_LS.v2/K023879.v2
DH1047/293i	H712384_LS.v2/K711897.v2
DH1057.1/293i	H025934_G1.4A/K023788.v2
DH1058/293i	H026822_G1.4A/K024292.v2
DH1193/293i	H712053_LS.v2/L711465.v2
DH1218/293i	pH711681_G1.4A / pK711372.v2
DH1219/293i	pH511657_G1.4A/pL510368.v2
DH1285/293i	H027272Rh_CMVR/K024530Rh_CMVR
DH1294/293i	H711725_G1.4A / K711414.v2

DH1317.4/293i	H713254/K712514
DH1317.4/293i	H713254_G1.4A / K712514.v2
DH151_4A/293i	CH1001891_4A
DH151_Fab/293i	PGT151VH_G1_FabH/PGT151VK.v2
DH235_4A/293i	CH02465_4A
DH235_I1_v2_4A/293i	pDH235VH_I1_v2_4A
DH235_I3_v2_4A/293i	pDH235VH_I3_v2_4A
DH235_I4_v2_4A/293i	DH235_I4_v2_4A / DH235VK_I4
DH235UCA_LL/293i	pCH235HUCA_4A
DH235UCAtk_v2_4A/293i	DH235VH_UCAtk_v2_4A
DH235UCAtk_v2_4A/293i	pDH235VH_UCAtk_v2_4A
DH235UCAtkLL_v3_4A/293i	DH235VH_UCAtk_v2_4A/CH235UCA
DH235UCAtkLL_v3_4A/293i	pDH235_UCA_v2_4A
DH235UCAtkLL_v3_4A/293i	pDH235VH_UCAtk_v2_4A
DH270.6_G1.4A/293i	H560313_G1.4A/DH542VL-2.v2
DH270_G1.4A/293i	CH003048_G1.4A/CL001411.v2
DH270_I4A/293i	CH003048_I6_4A
DH270_I5.6_G1.4A/293i	I5.6_G1.4A/I5.6VL.v2
DH270_UCA3/293i	CH003048UCA3_4A   CL001411UCA2
DH270UCA3_G1.4A/293i	CH003048UCA3VH_G1.4A/CL001411UCA2.v2
DH511.2_K3_4A/293i	pD511_2AVK
DH511.2_K3_AAA_LS/293i	pH510049_AAA_LS
DH511.2_K3_VRC_LS/293i	pDH511_2AVK
DH511.2_K3_VRC_LS/293i	pH510049_VRC_LS
DH511.2_K3_VRC_LS/293i	pHV510049_VRC_LS
DH511.2K3_4A/293i	pH510049_4A
DH512_K3_4A/293i	PD510049_4A
DH542/293i	H560313_4A/L560120
DH542/CHO	H560313_4A
DH620/293i	H530402.3_4A/K530347
DH677.3_4A/293i	H008543_4A/ K006474
DH677.3_4A/293i	H008561_4A/K006495
DH677.3Fab/293i	pH008543FabH
DK012_P03_IgG_C04/293i	1.1-HC20/1.1-LC20
DK012_P04_IgD_C04/293i	1.1-HC19
DK023_P07_IgD_F04/293i	1.1-HC16
DK023_P07_IgD_G05/293i	1.1-HC11/1.1-LC11
DK024_P06_IgD_A08/293i	1.1-HC18/1.1-LC18
DK034_P03_IgD_D05/193i	1.1-HC3/1.1-LC3
DK054_P02_IgD_E02/293i	1.1-HC8/1.1-LC8
DK054_P02_IgD_E04/293i	1.1-HC5
DK054_P02_IgG_F01/293i	1.1-HC9/1.1-LC9
DK054_P02_IgG_G04/293i	1.1-HC7/1.1-LC7
eCD4-IgG/293i	CMVR eCD4-IgG1-34-LS/TPST-2
eCD4-IgG/293i	CMVR eCD4-IgG1-V26/TPST-2
eCD4-IgG/293i	CMVR eCD4-IgG1-v34/TPST-2
eCD4-IgG/293i	CMVR eCD4-IgG2-v26-LS
eCD4-IgG1-MSUA7/ExpiCHO	rh-eCD4-IgG1/TPST-2
eCD4-IgG1-v34-LS/293i	CMVR eCD4-IgG1-v34-LS
eCD4-IgG2-v26-LS/293i	CMVR eCD4-IgG2-v26-LS
Enhanced rh-eCD4-IgG1/ExpiCHO	Enhanced rh-eCD4-IgG1/TPST-2
Enhanced rh-eCD4-PGLALA/ExpiCHO	Enhanced rh-eCD4-PGLALA/TPST-2
Enhanced rh-eCD4-PGLALA/ExpiCHO	Enhanced rh-eCD4-PGLALA/TPST-3
F105/293i	F105VH/F105VK
F105/293i	p17bVH
F16v3/293i	F16v3H/F16v3L
F240/293i	F240-VH-Zeo-2/F240-VK-Hyg-1
F240/293i	pF240-VH-Zeo-2/pF240-VK-Hyg-1
Fi6-mIgG1/293i	Fi6 G1/Fi6 Kappa
g1PGV04/293i	g1-PGV04 HC/ g1PGV04 LC
gl1NC9/293i	gl-1NC9HC/gl-1NC9LC

gl3BNC60/293i	gl-3BNC60HC/gl-3BNC60LC
glIOMA/293i	gl-IOMA HC/ gl-IOMA LC
glNIH45-46/293i	NIH45-46 IgG1/NIH45-46 IgK
glPGT145/293i	gl-PGT145 HC/gl-PGT145LC
glPGV19/293i	gl-PGV19HC/gl-PGV19LC
H7.200/293i	H7-200 huHC IgG1/H7-200 huKLC
HC1/SAP10 LS/293i	p3BNC-HC1 LS IgG HC
K11-LS/293i	K11_HC_NAC.C123-MaIgG1.v1-LS/K11_KC_NAC.C1-MaKap.v1
m dmlga-VRC01/293i	mIgA_VH_VRC01 / VL_VRC01 / pGAE-pDRIVE3 Balbc/J-chain
MEDI8852/293i	MEDI8852H , MEDI8852KL
mIgG1-VRC01/293i	mIgG1_VH_VRC01
mIgG1-VRC01-plgR/293i	mIgG1_VH_VRC01_plgR/VL_VRC01
mIgG2c/293i	mhyb-mG2a/mhyb-mK
N10-U1_4A/293i	N10_U1VH.opt_4A
N49P9.6_4A/293i	N49P9.6_FRVH_G1.4A/N49_C452L2
N6/293i	N6 mAb HC
NIH45-46GL/293i	gl-NIH45-46 HC
OKT3-His IgG/293i	p3BNC-OKT-K409R-His IgG HC
P1b5/293i	P1b5VH
PCT64_G1.4A/293i	HPCT64_G1.4A/ KPCT64.v2
PG16/293i	PG16VH/PG16VK
PG9/293i	PG9VH_4A / PG9VK
PG9_4A/293i	PG9VH_4A
PGDM1400/293i	PGDM1400VH_G1.4A/PGDM1400VK.v2
PGDM1400_4A/293i	PGDM1400IgH_4A_3.1/PGDM1400_IgL_3.1
PGDM1400_4A/293i	PGDM1400VH_G1.4A/ PGDM1400VK.v2
PGDM1400_LS/293i	PGDM1400IgH_LS_3.1 / PGDM1400_IgL_3.1
PGT121 IgG/293i	PGT121_HC_pF
PGT121_1A7	Stable cell line from Jay
PGT121_4A/293i	PGT121VH_4A/PGT121VK
PGT121tkUCA.V2/293i	PGT121tkUCAVH.v2/PGT121tkUCAVL
PGT122-HRV3c/293i	PGT122-HRV3c/PGT122L
PGT124_G1M17/293i	PGT124Hopt_G1M17
PGT125/293i	PGT125VH/PGT125VL
PGT128_G1M17/293i	PGT128VH_G1M17/PGT128VL.v2
PGT128_gl/293i	pPGT128_gIH_4A/pPGT128_gIL
PGT145/293i	3BNC-PGT145 IgG HC
PGT145/293i	PGT145VH/PGT145VK
PGT151 IgG/293i	PGT151_HC_pF
PGT151/293i	PGT151VH_G1M17/PGT151VK.v2
PGT151_4A/293i	PGT151VH.opt/PGT151VK.opt
rh-10-1074-IgG/ExpiCHO	rh-10-1074-IgG
RhAB901325 IgA/293i	pH901325_RhA249
RhAB901325 IgG/293i	pH901325Rh
rh-eCD4-IgG1/ExpiCHO	rh-eCD4-IgG1/TPST-2
rh-eCD4-IgG1-058/ExpiCHO	rh-eCD4-IgG1-058 pool/TPST-2
rh-eCD4-IgG1-LS/293i	rh-eCD4-IgG1-LS
rh-eCD4-PGLALA-058/ExpiCHO	rh-eCD4-PGLALA-058 pool/TPST-2
RM190/293i	RM190 HC/ RM190 LC
RM19K/293i	RM19K HC / RM19K LC
RM19R/293i	RM19R HC/RM19R LC
RM20A2/293i	RM20A2 HC / RM20A2 LC
RM20A3/293i	RM20A3 HC/RM20A3 LC
RM20G/293i	RM20G HC / RM20G LC
S2H97/293i	S2H97.VH/S2H97_VL
S-GSAS_UK/293F	3368-6_UK
vFP16.02/293i	vFP16.02H
VIP02_P02_IgG_C12/293i	1.1-HC17
VIP05_P04_IgD_G06/293i	1.1-HC6/1.1-LC6
VIP05_P04_IgG_C05/293i	1.1-HC13/1.1-LC13
VIP05_P05_IgD_G10/293i	1.1-HC2/1.1-LC2

VIP06_P07_IgD_C11/293i	1.1-HC4/1.1-LC4
VIP06_P07_IgD_G10/293i	1.1-HC1/1.1-LC1
VIP14_P09_IgD_E08/293i	1.1-HC15
VIP14_P10_IgD_B10/293i	1.1-HC14/1.1-LC14
VIP14_P10_IgF_C03/293i	1.1-HC12/1.1-LC12
VRC 34.01/293i	VRC 34.01 gamma / VRC 34.01 kappa
VRC01_IgG/293i	VRC01Mat-H1
VRC01.23_4A/293i	VRC01.23VH.4A / VRC7009
VRC01.23_LS/293i	VRC7008 / VRC7009
VRC01/293i	VRC01H_8552
VRC01/gHvgLv/293i	VRC9710
VRC01_4A/293i	VRC01VH_4A/VRC01VK
VRC01_G1LS/ExpiCHO	VRC01_G1LS
VRC01_G1LS_293i	VRC01_G1LS
VRC01_G1M17/293i	VRC01_G1M17
VRC01_UCAtk_4A/293i	VRC01VH_UCA_4A/VRC01VK_UCA
VRC01gHvgLv/293i	VRC9710/VRC3410
VRC03/293i	VRC03H/VRC03L
VRC03gHvgLv/293i	VRC2403/VRC2404
VRC04gHvgLv/293i	VRC2401
VRC07_4A/293i	pVRC07VH_4A
VRC07gHvgLv/293i	VRC2467/VRC3410
VRC18bgHvgLv/293i	VRC3764/VRC3765
VRC20gHvgLv/293i	VRC3696/VRC3697
VRC23.gI/293i	VRC3698/VRC3699
VRC26UCA_4A/293i	VRC26UCA_4A/VRC26UCA_VL
VRC34.01/293i	VRC34.01 gamma
VRC-PG5/293i	VRC-PG5H
WT eCD4-IgG1-v34/293i	CMVR eCD4-IgG1-v34/TPST-2
WT eCD4-IgG2-v26/293i	CMVR-eCD4-IgG2-v26

**Duke Human Vaccine Institute Protein Production Facility**

**Constructs Produced: gp70**

<b>Construct name</b>	<b>Plasmid ID</b>
B.MN V3 gp70/293F	HV1300466
gp70.TV1.GSKvacV1V2_avi/293F	HV1301272_avi
gp70_B.CaseA_V1V2/293F	HV130053_V2
gp70_B.CaseA2_V1/V2/169K/293F	HV130053_v2_V169K
gp70_B.MNV1V2.opt_avi/293F	HV1300080_avi
gp70_B.MNV1V2.opt_avi/293F	HV130080_avi
gp70_C.1086C V1/V2/293F	HV130047_v2
gp70_C.1086C_V1_V2_His6.opt_avi/293F	HV130047_v2_avi
gp70_C.96ZM651V1V2_avi/293F	HV1301348_avi
gp70_CAP174_V1V2_avi/293F	HV1301742
gp70_CAP260_V1V2_avi/293F	HV1301744
gp70_Ko224_V1V2_avi/293F	HV1301743
gp70_MNV3-avi/293F	HV1300455
gp70MNV3/293F	HV1300466
gp70MNV3_avi/293F	HV1300425
gp70-TV1.GSKvacV1V2/293F	HV1301272
gp70VRC_AV3.avi/293F	HV1300789
gp70VRC_AV3N301A.avi/293F	HV1300790
gp70VRC_BV3.avi/293F	HV1300791
gp70VRC_BV3N301A.avi/293F	HV1300793
gp70VRC_BV3N332A.avi/293F	HV1300794
gp70VRC_CV3.avi/293F	HV1300792
gp70VRC_CV3N301A.avi/293F	HV1300795
gp70VRC_CV3N332A.avi/293F	HV1300796
MuLV_gp70/293F	HV1300071
MuLVgp70_His6/293F	HV1300071_1
V703_0203_070_gp70V1V2/293F	V703_0203_070_gp70V1V2
V703_1060_080_gp70v1v2/293F	V703_1060_080_gp70v1v2

**Duke Human Vaccine Institute Protein Production Facility**

**Constructs Produced: gp120**

<b>Construct name</b>	<b>Plasmid ID</b>
0058_D11gp120.avi/293F	HV1300315
06RUSPR163_D11gp120.avi/293F	HV1300345
1012_11.TC21.D11gp120.avi	HV1300306
1051_D11gp120.avi/293F	HV1300353
1054_D11gp120.avi/293F	HV1300354
1059_D11gp120.avi/293F	HV1300351
1086.c_7m_V65C+S115C gp120/293f	HV14362_MN_7M_A65C_S115
1086C_D107K_gp120/293F	1086C_D107K_gp120
1086C_D107K_V65C_S115C_gp120/293F	1086C_D107K_V65C_S115C_gp120
1086C_D7gp120.avi/293F	HV130036D7
1086C_D7gp120.avi/293F	HV130036D7_avi
1086C_gp120/293F	1086C_gp120
1086Cchim_V3A244_gp120/293F	HV1301906
1086CmutV3_305T308T_gp120/293F	HV130036_K305T_R308T
1086D7gp120160N - MaxCyte	HV130036_D7_K160N
1394C9_G1.D11gp120.avi/293F	HV1300309
1428_D11gp120.avi/293F	HV1300321
1641A7_D11gp120.avi/293F	HV1300340
191084_D11gp120.avi/293F	HV1300316
191955_D11gp120.avi/293F	HV1300317
2001_D11gp120.avi/293F	HV1300336
246F_D11gp120.avi/293F	HV1300339
254006_D11gp120.avi/293F	HV1300359
254008_D11gp120.avi/293F	HV1300358
26191_D11gp120.avi/293F	HV1300334
51802_D11gp120.avi/293F	HV1300347
532_D11gp120.avi/293F	HV1300346
620345_D11gp120.avi/293F	HV1300360
62357_D11gp120.avi/293F	HV1300350
644039_D11gp120.avi/293F	HV1300362
703357_D11gp120.avi/293F	HV1300361
9004S_D11gp120.avi/293F	HV1300318
92BR020gp120 N332A+AVI/293F	92BR020 N332A gp120 AVI
92BR020gp120 WT+AVI/293F	92BR020 WT gp120 AVI
92TH023_D11gp120.avi/293F	HV1300332
92Th023gp120_gDneg/293F	HV13334
96ZM651.D11gp120.avi/293F	HV1300521
96ZM651_D11gp120.avi/293F	HV1300322
96ZM651_D11gp120.avi/293F	HV1300997
96ZM651_D11gp120.avi/293F	PPF000322
96ZM651_D11gp120mutL.avi/293F	HV1300997
A.92RW020gp120.avi/293F	HV1300200_120
A244 gp120_gDneg/293F	CH505TF_D7gp120.avi/293F
A244_D11gp120.avi/293F	HV1300333
A244_D11gp120_avi_F35S_H72L_V75A_E106K_D107H_S110A_Q114L/293F	pHV1301499
A244_D11gp120_avi_F35S_S110A_Q114L/293F	HV1301500



A244_D11gp120_avi_F535_S110A_Q114L/293F	pHV1301500
A244_D11gp120_avi_F535_H72L_V75A_E106K_D107H_S110A_Q114L/293F	pHV1301499
A244_D11gp120_avi_N295A_N301A_N334A/293F	pHV1301501
A244D11gp120/293F	HV1301353_tPAss
A244d11gp120Env_pFastBac1/ExpiSF9	A244d11gp120Env_pFastBac1
A244gp120D11_7M_L193A_I423A/293F	DE000001
A244gp120D11_7M_M434G/293F	DE000003
A244gp120D11_7M_V65C_S115C/293F	DE000002
A244gp120D11_V65C_V68I_S115C_P204V_I208L_V225L/293F	DE000004
A244gp120D11_V68I_P204V_I208L_V255L/293F	DE000005
AE.A244_D11gp120/293F	HV13336_D11
AE.A244_gD-gp120/293F	HV13336
AE.A244_gp120_D11K169V.avi/293F	HV1300484
AE.A244_gp120_D11N160K.avi/293F	HV1300451
B.6240_D11gp120.avi/293F	HV1300800
B.6240_D11gp120/293F	HV130044
B.6240_D11gp120mut6/293F	HV130044_mut6.op
B.6240_D11gp120mutC/293F	HV130044_mutC.opt
B.63521_D11gp120_mutC/293F	HV130043_mutC.opt
B.65321_D11gp120/293F	HV130043
B.9021_D11gp120/293F	HV1300147
B.ADAD11gp120mutC/293F	HV1300426
B.HXB/Balgp120.avi/293F	HV1300201_120
B.JRFLD11gp120mutC/293F	HV1300427
B.MN_D11gp120/293F	HV1300331Favi
B.MN_D11gp120/293F	HV14362MN_D11
B.MN_gD-gp120/293F	HV14362
B41 gp120 codon optimized/293F	HV1303815
BF1266_D11gp120.avi/293F	HV1300320
BG505 gp120.avi/293F	HV1301119_avi
BG505 gp120.avi/293F	pHV1301119_avi
BJOX002_D11gp120.avi/293F	HV1300364
BJOX019_D11gp120.avi/293F	HV1300363
BJOX028_D11gp120.avi/293F	HV1300357
BORI_D11gp120.avi/293F	HV1300355
C.089_D11gp120/293F	HV130046
C.1086_D7gp120/293F	HV130036_delta7
C.1086_D7gp120K160N/293F	HV130036D7_K160N
C.97ZA012gp120.avi/293F	HV1300202_120
C.con_env03gp120.avi/293F	HV1300992
C.con_env03gp120N332A.avi/293F	HV1300993
C.MW.19.V703_0203_070_gp120/293F	C.MW.19.V703_0203_070_gp120
C.ZA.17.V703_0926_070_gp120/293F	C.ZA.17.V703_0926_070_gp120
C.ZA.17.V703_1060_080_gp120/293F	C.ZA.17.V703_1060_080_gp120
C.ZA.17.V703_1471_190_gp120/293F	C.ZA.17.V703_1471_190_gp120
C.ZA.19.V705_0241_080_gp120/293F	C.ZA.19.V705_0241_080_gp120
C.ZA.19.V705_1071_090_gp120/293F	C.ZA.19.V705_1071_090_gp120
C.ZA.20.V705_0081_070_gp120/293F	C.ZA.20.V705_0081_070_gp120
C.ZA.20.V705_0491_111_gp120/293F	C.ZA.20.V705_0491_111_gp120

C.ZA.20.V705_0941_080_gp120/293F	C.ZA.20.V705_0941_080_gp120
C.ZA.20.V705_1201_110_gp120/293F	C.ZA.20.V705_1201_110_gp120
C.ZW.20.V705_0161_080_gp120/293F	C.ZW.20.V705_0161_080_gp120
C.ZW.21.V705_1311_160_gp120/293F	C.ZW.21.V705_1311_160_gp120
C2101_C01.D11gp120.avi	HV1300310
C3347_11.D11gp120.avi	HV1300311
CAP174D11gp120/293F	HV1300501
CAP210_D11gp120.avi/293F	HV1300337
CAP260D11gp120/293i	HV1300500
CAP45_D11gp120.avi/293F	HV1300341
Ce0042_D11gp120.avi/293F	HV1300344
Ce0228_D11gp120.avi/293F	HV1300338
Ce1176_A3.D11gp120C.avi	HV1300261
Ce2010F5_D13gp120.avi/293F	HV1300335
CH0505.w53.e16.D7gp120/293F	HV1300239
CH0505TFD8gp120_S375H_avi/293F	HV13001079_avi
CH505.M11_08gp120/CHOs	HV1300537.V2
CH505.M11_D8gp120/293F	CH505.M11_D8gp120_V17
CH505.M11_D8gp120/293F	CH505.M11_D8gp120_V18
CH505.M11_D8gp120/293F	CH505.M11_D8gp120_V20
CH505.M11_D8gp120/293F	HV1301108
CH505.M11_D8gp120/CHO	CH505.M11_D8gp120_V17
CH505.M11_D8gp120/CHO	CH505.M11_D8gp120_V18
CH505.M11_D8gp120/CHO	CH505.M11_D8gp120_V20
CH505.M11_D8gp120/CHO	HV13001108
CH505.M11_D8gp120/CHO	HV1300472
CH505.M11_D8gp120/CHO	HV1301108
CH505.M11_D8gp120/CHOs	HV1300537_CD5ss
CH505.M11_D8gp120/CHOs	HV1300537_TPAss
CH505.M11D8gp120/293F	HV1300537_v2
CH505.M11D8gp120_avi/293F	HV1300537_CD5ss_avi
CH505.M5_D8gp120/293F	HV1300531_v2
CH505.M5_D8gp120/CHO	VH1300531_v2
CH505.M5_D8gp120/CHOs	HV1300531.V2
CH505.M5_D8gp120/CHOs	HV1300531_CD5ss
CH505.M5_D8gp120/CHOs	HV1300531_Tpass
CH505.M5D8gp120/293F	pHV1300531_v2
CH505.M5-D8gp120/CHOs	HV1300556
CH505.M5-D8gp120/CHOs	HV1300556_CD5ss
CH505.M5-D8gp120/CHOs	HV1300556_TPAss
CH505.M5D8gp120_avi/293F	HV1300531_CD5ss_avi
CH505.w30.12D8gp120/293F	HV1300778
CH505.w30.12D8gp120_avi/293F	HV1300778_avi
CH505.W53.e16.D8gp120/CHOs	HV1300239
CH505.w78.env33.D8gp120/293F	HV1300249
CH505TF D7gp120d371_avi/293F-Bio	HV1300218d371_avi
CH505TF_D7gp120.avi/293F-Bio	HV1300218_avi
CH505TF_D8gp120/293F	HV1300218/pcDNA
CH505w020.14D8gp120/293F	HV1300556_v2

CH505w020.14D8gp120/CHOs	HV1300556_TPAss
CH505w020.14D8gp120_avi/293F	HV1300556_CD5ss_avi
CH505w030.20D8gp120/293F	HV1300573_v2
CH505w030.20D8gp120_avi/293F	HV1300573_v2_avi
CH505w100.B6.D8gp120/293F	HV1300240
CH505w136.B18D8gp120/293F	pHV1300615
CH505w136.B18D8gp120_avi/293F	HV1300615_avi
CH848.19.17 DT.E169K gp120/293F	HV1303967
CH848.3.TFD11gp120.avi/293F	HV1300772
CM235_gp120/293F	HV1301191
CNE20_D11gp120.avi/293F	HV1300312
CNE5_D11gp120.avi/293F	HV1300313
CNE55_gp120/293F	HV1303740
CNE8 D11 gp120/293F	HV1301120
CON6_gp120/293F	HV1300112
ConC-gp120WT/293F	pConCgp120
CON-S_gp120.avi/293F	HV1300116_avi
Du156_D11gp120.avi/293F	HV1300342
K0224D11gp120/293F	HV1300502
M.CON-6_gp120/293F	HV1300454
M.CON-S_D11gp120/293F	HV130045
MN_7M_V65C+S115Cgp120/293F	FJ444395.1_1086C_7M_V65C_S115C
MN_D11gp120_avi	pHV1300331
PRB958_D11gp120.avi/293F	HV1300352
Q23.17.D11gp120C.avi	HV1300262
Q259_D11gp120.avi/293F	HV1300348
Q769_D11gp120.avi/293F	HV1300349
Q842_D11gp120.avi/293F	HV1300319
QH0515_D11gp120.avi/293F	HV1300314
REJ04541_D11gp120.avi/293F	HV1300307
RHPA4259_C7.D11gp120.avi	HV1300305
SF162_D11gp120.avi/293f	HV1300260
SHIV-1157(QNE)Y173H delta 11 gp120/293F	HV1301712
TT31P.2792_D11gp120.avi/293F	HV1300356
TV1c8_D11gp120.avi/293F	HV1300146_avi
TV1c8_D11gp120/293F	HV1300146
WITO4160.D11gp120.avi	HV1300308
YU2 gp120 1420R/293F	YU2 gp120 1420R
YU2 gp120 old core D368R	YU2 gp120 old core D368R
YU2gp120.wt.avi/293F	HV1300197
ZM247_D11gp120.avi/293F	HV1300343

**Duke Human Vaccine Institute Protein Production Facility**  
**Constructs Produced: gp140**

<b>Construct name</b>	<b>Plasmid ID</b>
1012_11.TC21.gp140C.avi	HV1300288
1086C_gp140C.avi/293F	HV1300370
1394C9_G1.gp140C.avi	HV1300291
1428_gp140C.avi/293F	HV1300303
191084_B7.gp140C.avi	HV1300298
191955_A11.gp140C.avi	HV1300299
700010058.gp140C.avi	HV1300297
9004S.gp140.avi	HW1300300
9004S_gp140C.avi/293F	HV1300300
9021_gp140C_mutC/293F	HV13217_mutC.opt
96ZM651_gp140C.avi/293F	HV1300304
A.00MSA-4076gp140CF/293F	HV1300106
A.92RW020gp140CFI.avi/293F	HV1300200
A1.con.env03_gp140CF.avi/293F	HV1300101_avi
A1.con_env03gp140CF_avi/293F	HV1300101
AE.01.con.env03_gp140CF.avi/293F	HV1300104_avi
AE01.con_env03gp140CF/293F	HV1300104
B.6240_gp140C/293F	HV13215
B.63521_gp140C/293F	HV13214
B.9021_gp140C/293F	HV13217
B.Con.env03_gp140CF.avi/293F	HV1300102_avi
B.con_env03gp140CF/293F	HV1300102
B.HXB/Balgp140CFI.avi/293F	HV1300201
B.JRFL_gp140CF/293F	HV13631
B.JRFL_N332Agp140CF_avi/293F	HV1301217_N332A
B.JRFLgp140CF - MaxCyte	HV13631
B.JRFLgp140CF_avi V1_3Q/293F	HV1301217_V1_3Q
BF1266_gp140C.avi/293F	HV1300302
BF1266_gp140C.avi/CHOs	HV1300302
BG505.T332N gp140C.avi opt/293F	HV1301578
BG505_gp140SOSIP.D368R.avi/293F	HV1300799
BG505_gp140SOSIP.N160K.avi/293F	HV1300798
C.089_gp140C/293F	HV13245
C.1086_gp140C_K160N/293F	HV13246K160N
C.97ZA012gp140CFI.avi/293F	HV1300202
C.CH0505TF_gp140C.avi/293F	HV1300801
C.CH0505TF_gp140C.avi/293F-Bio	HV1300801
C.CH0505TF_gp140C.avi/293F	HV1300801
C.CH0505TF_gp140C/293F	HV1300217/pcDNA
C.con.env03_gp140CF.avi/293F	HV1300103_avi
C.con_env03gp140CF/293F	HV1300103
C2101_c01.gp140C.avi	HV1300292
C3347_11.gp140C.avi	HV1300293
Ce1176_gp140C.avi/293F	HV1300258

CH0848s.10.2.61=T/Fgp140C.avi opt/293F	HV1301579
CH505 T/F gp140-Avi/293F	HV1300801
CH505.M11gp140C/293F	HV1300469
CH505.M5gp140C/293F	HV1301399
CH505w020.14gp140C/293F	HV1301400
CH505w030.21gp140C/293F	HV1301404
CH505w030.28gp140C/293F	HV1301401
CH505w053.31gp140C/293F	HV1301402
CH505w078.15gp140C/293F	HV1301403
CH505w100.B6.gp140C/293F	HV1300222
CH505w100.B6.gp140C_avi/293F-Bio	HV1300222_avi
CH505w53.e16.D8gp140C_avi/293F	HV1300221_avi
CH505w53.e16gp140C/293F	HV1300221
CH505w78.e33.gp140C/293F	HV1300231
CH505w78.e33.gp140C_avi/293F-Bio	HV1300231_avi
CN54gp140.strep/293F	RS3_pENV_CN54
CNE20_gp140C.avi/293F	HV1300294
CNE5_gp140C.avi/293F	HV1300295
CNE8-SOSIP_gp140/293F	HV1301276
CON.40007v02_avi_gp140/293F	CON.40007v02_avi
CON.40094v01_avi_gp140/293F	CON.40094v01_avi
CON.40265v02_avi_gp140/293F	CON.40265v02_avi
CON-S_gp140CFI.avi/293F	HV1300111_avi
CON-S_gp140CFI.avi/293F	pHV1300111_avi
DClade_V3_CN54gp140/293F	RS2_pVRC_CN54
G.con_env03gp140CF/293F	HV1300105
M.CON-S_gp140CFI/293F	HV1300111
Q23.17.gp140C.avi	HV1300259
Q842_d12.gp140C.avi	HV1300301
QH0515_gp140C.avi/293F	HV1300296
REJ04541_gp140C.avi/293F	HV1300289
RHPA4259_gp140C.avi/293F	HV1300287
SC42261_gp140.avi/293F	HV1300453
SC42261_gp140/293F	HV1300453
SF162.LS.gp140C.avi/293F	HV1300257
SHIVSF162P3.5gp140Copt_avi/293F	HV1301423
SIVMac_gp140/293F	HV1300072_avi
TV1c8.2_21 gp140C_avi	HV1300369
TV1-dV2 Uncleaved gp140-tPA-SP codon optimized/293F	HV1303818
V3_Crown_CN54gp140/293F	RS1_pVRC_CN54
WITO4160_gp140C.avi/293F	HV1300290
ZM214M_gp140.avi/293F	HV1300452

Duke Human Vaccine Institute Protein Production Facility	
Constructs Produced: V frags	
Construct name	Plasmid ID
A244_V1V2.tags/293F	HV1300068
A244_V1V2.tags_N156Q/N160Q/293F	HV1300068_N156QN160Q
AE.A244 V2 tags/293F	HV1300371
B.63521_V1_V2_Tags/293F	HV1300065
B.Case_V1V2.tags/293F	HV130053_V2
B.CaseA_V1_V2_Tags_N156QN160Q/293F	HV1300069_N156QN160Q
B.CaseA_V1V2.tags/293F	HV1300069
B.CaseA2_V1V2.tags_N156Q/N160Q/293F	HV130053_v2N156QN160Q
C.1086 V2 tags/293F	HV1300372
C.1086_V1_V2_Tags/293F	HV1300063
gp70A244_92TH23_F317L_V3tags/293F	HV1300460
gp70A244_92TH23_I307V_V3tags/293F	HV1300461
gp70A244_92TH23mut2_V3tags/293F	HV1300462
gp70A244_92TH23V3tags/293F	HV1300459
gp70ConAG_V3tags/293F	HV1300465
gp70ConAS_V3tags/293F	HV1300463
gp70ConC_V3tags/293F	HV1300464
SHIV-109F.PB4.V1V2.tags/293F	HV1300784
SHIV-1157ipd3N4.V1V2.tags/293F	HV1300781
SHIV-1157ipd3N4-QNE.V1V2.tags/293F	HV1300813
SHIV-1157ipd3N4-QNE.Y173H.V1V2.tags/293F	HV1300783
SHIV-89.6.V1V2.tags/293F	HV1300788
SHIV-KB9.C3.V1V2.tags/293F	HV1300785
SHIV-KB9.C4.V1V2.tags/293F	HV1300786
SHIV-KB9.C5.V1V2.tags/293F	HV1300787
SHIV-SF162p3V1V2.tags/293F	HV1300780
TV1.GSKvac V1V2 tags/293F	HV1300188
V703.A_GA/293F	V703.A_env
V703.B_GA/293F	V703.B_env
V703.C_GA/293F	V703.C_env
V703_0926_070_gpV1V2/293F	V703_0926_070_gpV1V2
V703_D_GA/293F	703_D_GA
V703_E_GA/293F	V703_E_env

Duke Human Vaccine Institute Protein Production Facility

Constructs Produced: SOSIP

Construct name	Plasmid ID
10Mut BG505 SOSIP/293F	10Mut BG505 SOSIP
10MUT SOSIP/293F	10MUT
5MUT/293F	5Mut
7MUT BG505 SOSIP/293F	7MUT
A.Q23_17CHIM.SOSIPV5.2.8/293F	HV1301552
B.JRFL SOSIP 664v6/293F	HV1301763
B41 SOSIP gp140.opt/293F	HV1304009
B41 SOSIP gp140/293F	HV1303817
B41_KO/293F	B41_KO
BG505 SOSIP gp140/293F	HV1301379
BG505 Spytag SOSIP/293F	BG505 Spytag
BG505.DS.SOSIP.T332N_WT/293F	HV1301711
BG505.DS.SOSIP.T332N_WT_csorta/293F	HV1301711_csorta
BG505\6R.SOSIP.664\T332N_avi/293F	HV1300797
BG505_WT gp140/CHO	Stable production
BG505gp140SOSIP.T332N/293F	HV1301379_WT
BJOX002000.03.02-SOSIP+AVI/293F	BJOX2000 SOSIP AVI
CH505.M11.chim.6R.SOSIP.MD39_2P_csorta.10lnQQ-avi/293F	HV1303931
CH505.M11.chimSOSIPv4.1_S364K_T455E_G459E_avi-Bio/293F	HV1301289_STG_avi
CH505.M11.STG.chim.6R.SOSIP.MD39_2P_csorta.10lnQQ-avi/293F	HV1303929
CH505.M5 G458Y SOSIP/GnTI-	HV1301288_G458Y
CH505M11chim.6R.SOSIP.664v4.1/293F	HV1301289
CH505M11chim.6R.SOSIP.664v4.1_avi/293F	HV1301289_avi
CH505M5chim.6R.SOSIP.664v4.1_avi/293F	HV1301288_avi
CH505M5chim.6R.SOSIP.664v4.1_G458Y/GnTI-	HV1301189
CH505M5chim.6R.SOSIP.664v4.1_G458Y_N197D_F14_V127C_D167C_Wpro/293F	HV1303056_Wpro
CH505M5chimSOSIPv4.1_G458Y_C_SORTA/GnTI-	HV1301688
CH505TF.6R.SOSIP.664.v4.1_avi.2/293F-Bio	HV13001189_avi.2
CH505TF.6R.SOSIP.664.v4.1_S375H_avi.2/293F	HV1301189_S375H_avi.2
CH505TFchim.6R.SOSIP.664v4.1/293F	HV1301189
CH505TFchim.6R.SOSIP.664v4.1_avi/293F	HV1301189_avi.2
CH505TFchim.6R.SOSIP.664v4.1_K169E_N334A_S365K_T455E_G459E_10lnQQ-avi-2PBIO/293F	HV1303043_10lnQQ_avi_2P
CH505TFchim.6R.SOSIP.664v4.1_K169E_N334A_S365K_T455E_G459E_10lnQQ-avi-BIO/293F	HV1303043_10lnQQ-avi
CH505TFchim.6R.SOSIP.664v4.1_N160K_10lnQQ-avi-BIO/293F	HV1303044_10lnQQ_avi
CH505TFchim.6R.SOSIP.664v4.1_N160K_N334A_S365K_T455E_G459E_10lnQQ-avi-BIO/293F	HV1303041_10lnQQ-avi
CH505TFchim.6R.SOSIP.664v4.1_N334A_10lnQQ-avi-BIO/293F	HV1303045_10lnQQ-avi
CH505TFchim.6R.SOSIP.664v4.1S365K_T455E_G459E_10lnQQ-avi-BIO/293F	HV1303046_10lnQQ-avi
CH505w136.B18chim.6R.SOSIP.664v4.1_avi/293F	HV1301293_avi
CH505w20.14chim.6R.SOSIP.664v4.1_avi/293F	HV1301294_avi
CH505w30.12chim.6R.SOSIP.664v4.1_avi/293F	HV1301295_avi
CH505w30.20.chim.6R.SOSIP.664v4.1_avi/293F	HV1301296_avi
CH848.3.D0949.10.17_D230N_H289N_P291S_E169K_DS.chSOSIP/293F	HV1302145
CH848.3.D0949.10.17chim.6R.DS.SOSIP.664/293F	HV1301345
CH848.3.D0949.10.17chim.6R.DS.SOSIP.664_N133D_N138T/293F	HV1301345_N133D_N138T
CNE55-SOSIP+AVI/293F	CNE55 SOSIP AVI
CNE8-SOSIP_gp140/293F	HV1301276
ConM_SOSIPv8.1ds-ST2/293F	ConM_SOSIPv8.1ds-ST2
DU_KO/293F	DU_KO/293F
HIV_25710-2.43-SOSIP+AVI/293F	25710 SOSIP AVI
PC63M11s123_Trimer1_AVI	HV1301811
PC63M11s123_Trimer2_AVI/293F	HV1301812
RC1 avi	RC1 avi
RC1 glycan KO GAIA SPytag/293F	RC1 glycan KO GAIA SPytag
RC1 Glycan KO GAIA/293F	RC1 Glycan KO GAIA
RC1 Glycan KO/293F	RC1 Glycan KO
RC1 Glycan KO_avi/293F	RC1 Glycan KO_avi
RC1 Spytag SOSIP/293F	RC1 Spytag SOSIP
RC1/293F	RC1
SHIVSF162P3.SOSIPv4.2_nanotag9_delDV/293F	HV1301703_delDV
SHIVSF162P3DS.SOSIPv5.2.8_avi/293F	HV1301587_avi
SHIVSF162P3DS.SOSIPv5.2.8_nanotag9_delDV/293F	HV1301704_delDV
SHIVSF162P3SOSIPv5.2.8_avi/293F	HV1301586_avi
SHIVSF162P3TD8.DS.SOSIP_avi/293F	HV1301585_avi
T250-4CHIMSOSIPV5.2.8/293F	HV1301547
WIT0CHIM.SOSIPV5.2.8/293F	HV1301550
X2278-SOSIP+AVI/293F	X2278 SOSIP AVI
Z1800Mv0/293F	Z1800Mv0

Duke Human Vaccine Institute Protein Production Facility	
Constructs Produced: Other proteins	
Construct name	Plasmid ID
2019-nCoV S Hexapro/293F	HexaPro
2019-nCoV S/293F	nCoV-1 nCoV-2P
2019-nCoV S/293F	SARS-CoV-2
2019-nCoV S/293Stable	Stable
A244d11gp120Env_pFastBac1 Virus	A244d11gp120Env_pFastBac1
B63521/CHO	Stable
pPPF009_pFastBac1 virus	pPPF009_pFastBac1
pPPF013_pFastBac1 virus	pPPF013_pFastBac1
pPPF015_pFastBac1 virus	pPPF015_pFastBac1
pPPF017_pFastBac1 virus	pPPF017_pFastBac1
pPPF019_pFastBac1 virus	pPPF019_pFastBac1
pPPF021_pFastBac1 virus	pPPF021_pFastBac1
SARS 2P D614G/293F	VPL42
SARS-CoV-2 RBD SortA_3C8HtS2/293F	HV1302118
SARS-CoV-2 S Hexapro/293F	HexaPro
SARS-CoV-2/293F	SARS-nCoV-2
SARS-CoV2-NTD/293F	SARS-CoV2-NTD-scFc3c-101nAVI
SARS-nCoV-2/293Stable	N/A
SARS-nCoV-2/293Stable	Stable
SMARCAL1/293F	SMARCAL1_avi
SMARCAL1_avi/293F	SMARCAL1



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Constructs Produced: HIV env

Construct name	Plasmid ID
703_A_GA/293F	703_A_env
703_B_GA_293F	703_B_env
703_C_GA/293F	703_C_env
703_D_GA/293F	703_D_env
703_E_GA/293F	703_E_env
703_F_GA/293F	703_F_env
703_G_GA/293F	703_G_env
703_H_GA/293F	703_H_env
703_I_GA/293F	703_I_env
96ZM651_D11.avi/293F	HV1300997
BG505_KO/293F	BG505_KO
CAP12mo_18.140C/293F	HV13357
CAP2060mo_B5.140C	HV13354
CAP21mo_F1.140C	HV13358
CAP24mo_7.140C/293F	HV13359
CAP2mo_18.140C	HV13355
CAP30mo_7.140C/293F	HV13360
CAP6mo_B6.140C/293F	HV13356
CH505_TF_V1V2tags/293F	HV1301715
CH505_W4.03_gp41.tags/293F	HV1300421
CH505W100.6.C9824B	Stable
CH505W100.6.C982B4	Stable
CH59_RUA/293i	pCH59H_UA_4A
CTRP4/293F	CTRP4
DCIR2/293F	DCIR2
DH235UCAtkLL_v3_4A/293i	DH235VH_UCAtk_v2_4A/CH235KUCA
DRSC3/293F	HV1300429
DU172/293F	DU172
DU422/293F	DU422
eODGT6_AVI_3C-His/293F	HV1301354
gB (N73Q)/293F	gB (N73Q)
gB (N85Q)/293F	gB (N85Q)
HCV E1E2-Bio/293F	1a53/sFurin
HxB2 new 8b core 1420R/293F	HxB2 new 8b core 1420R
HxB2 new 8b core/293F	HxB2 new 8b core 6x His
MFuse1/293F	HV1303827
MM 2A-2/293F	MM 2A-2
MM 2A-3/293F	MM 2A-3
MM 2B-1/293F	MM 2B-1
MM R1-3/293F	R1_3 Maxi 1446468
MM R1-3/293F	R1-3 Maxi 1446468
MM R2A1/293F	S8CH02_FcgR2A1
MM R2A-2/293F	S3_CH09_2A2
MM R2A-3/293F	S10CH06_R2A3_Ycf
MM R2A-4/293F	S1CH07_R2A4_clone_3-TY_PMCVr
MM R2-B1/293F	S10CH08_2B1_Ycf
MM R3A-1/293F	MM3A-1
MM R3A-3/293F	MM3A-3
MM3A-1/293F	MM3A-1
MM3A-3/293F	MM3A-3
Rhesus CMV gB/293F	RhgB_Ecto_linker+HRVc3+His_codonopt
RSC3/293F	HV1300428
RSC3D371/P363N/293F	HV1300430
STA09/293F	HV13001592
TRIM21/293F	TRIM21
YU2oldcore.avi/293F	HV1300198

**Duke Human Vaccine Institute Protein Production Facility**

**Constructs Produced: Fc receptors**

<b>Construct name</b>	<b>Plasmid ID</b>
(Mouse) CD16/FcγR3/293F	FcγR3
CD16-2/FCGR4/293F	FcγR4
CD32/FCGR2b/293F	FcγR2b
Fc alpha mu receptor ectodomain human_10lnQQavi.His_mVHss/293F	HV1304066
FcAMR/293F	FcAMR
FcAR/293F	FcAR
FcγR 1a/293F	FcγR 1a maxi avi
FcγR 2a H131/293F	FcγR 2AH maxi avi
FcγR 2b/293F	FcγR 2b maxi avi
FcγR 3a F/293F	FcγR 3a F maxi avi
FcγR 3a V/293F	FcγR 3a maxi avi
FcγR 3bNA1/293F	FcγR 3bNA1 maxi avi
FcγR 3bNA2/293F	FcγR 3bNA2 maxi avi
FcγR 3bSH/293F	FcγR 3bSH max avi
FcγR 3bSH/293F	FcγR 3bSH maxi avi
FcγR1A/293F	FcγR1A
FcγR1A_sah/293F	HV1300522
FcγR1D1D2_sah/293F	HV1300529
FcγR2A(H)/293F	FcγR2A H131
FcγR2A(H)/293F	FcγR2A(H)/293F
FcγR2A(R)/293F	FcγR2A R
FcγR2A_H131_sah/293F	HV1300523
FcγR2A_R131_sah/293F	HV1300524
FcγR2B/293F	Human-FcγR2B
FcγR2B/293F +Bio	Human-FcγR2B
FcγR2B_sah/293F	HV1300525
FcγR3A(F)/293F	FcγR3A F158
FcγR3A(V)/293F	FcγR3A V158
FcγR3A_F158_sah/293F	HV1300526
FcγR3A_V176_sah/293F	HV1300527
FcγR3B/293F	FcγR3B
FcγR3B_NA1_sah/293F	HV1300528
FcγR3B_SH_sah/293F	HV1300655
FcγRI_sortase_his6/293F	HV1300473
FcγRIIb+Bio/293F	FcγRIIb
FcγRIII+Bio/293F	FcγRIII
FcγRIIIA_F158_sortase_his6/293F	HV1300477
FcγRIIIA_V176_sortase_his6/293F	HV1300478
FcγRIIIB_NA2_sah/293F	HV1300654
FcγRIV/293F	FcγRIV
FcγRIV+Bio/293F	FcγRIV
FcmuR D1 extracellular domain human_10lnQQavi.His_CD5ss/293F	HV1304065
FcmuR full extracellular domain human_10lnQQavi.nHis_mVHss/293F	HV1304067
FcR1/293F	FcR1

FcR2a/293F	FcR2a
FcR2b/293F	FcR2b
FcR3/293F	FcR3
FcRN/293F	FcRN
Mouse-FcγR2b/293F	Mouse-FcγR2b
Rhesus soluble Fcγ2A-1/293F	HV1301485
Rhesus soluble Fcγ2A-2/293F	HV1301486
Rhesus Soluble Fcγ2A-3/293F	HV1301487
Rhesus soluble Fcγ2A-4/293F	HV1301488
Rhesus soluble Fcγ2B-1/293F	HV1301489
Rhesus soluble Fcγ2B-1/293F +Bio	HV1301489
Rhesus Soluble Fcγ2B-2/293F	HV1301490
Rhesus soluble Fcγ2B-2/293F +Bio	HV1301490
Rhesus soluble Fcγ3A-1/293F	HV13001491
Rhesus soluble Fcγ3A-1/293F	HV1301491
Rhesus Soluble Fcγ3A-3/293F	HV13001492
Rhesus Soluble FcγR1A-3/293F	HV1301484
Rhesus Soluble FcγR2A-2/293F	HV1301486
Rhesus Soluble FcγR2B-1/293F	HV1301489
Rhesus soluble FcγR2B-2/293F	HV130490
Rhesus soluble FcRn neonatal IgG receptor/293F	HV1301480
Rh-sFcRn codon opt/293F	HV1301557
sFCGR2B_RhM/293F	HV1301604

Duke Human Vaccine Institute Protein Production Facility
Constructs Produced: HA
Construct name
A/Aichi/2/1968 (H3N2)/Hi5
A/Bangkok/1/1979 X-73 H3 HA
A/Brisbane/59/2007 H1 HA
A/California/04/2009 HA
A/California/07/2009 (MDCK) H1 HA
A/California/07/2009 NYMC X-181 H1 HA
A/Chile/1/1983
A/FortMonmouth/1/1974 H1 HA/Hi5
A/HK/1/1968 H3 HA/Hi5
A/Hong Kong/1/1968 H1 HA/Hi5
A/Hong Kong/4801/2014(H3N3)/Hi5
A/Leningrad/360/1986 X-91 H3 HA/Hi5
A/Michigan/45/2015 H1 HA
A/Moscow/10/1999 X-137 H3 HA
A/New Caledonia/20/1999 H1 HA
A/NWS/1933 H1 HA
A/PuertoRico/8/1934 H1 HA/Hi5
A/Shanghai/11/1987 H3/Hi5
A/Shanghai/11/1987(H3N2)/ExpiSF9
A/Singapore/INFIHM-16/2016 H3 HA
A/Solomon Islands/3/2006 (H1N1) HA/Hi5
A/Switzerland/9715293/2013 X-247 H3 HA
A/Texas/1/1968 H3 HA
A/Texas/50/2012 H3/Hi5
A/Texas/71/2017 H3 HA/Hi5
A/USSR/90/1977
A/Victoria/3/1975 X-47 H3 HA
A/Victoria/361/2011 H3 HA/Hi5
A/Vietnam/1203/2004 H5 HA
A/Vietnam/1203/2004-PR8-IBCDC-RG/GLP
A/Wisconsin/67/2005/Hi5
A/Wisconsin/67/2006/Hi5
A/WSN/1933 H1 HA/Hi5
A_Bayern_07_1995
A_Hong_Kong_4801_2014_H3
B/Colorado/6/2017 HA/Hi5
B/Florida/04/2006 HA
B/Massachussetts/2/2012/Hi5
B/Phuket/3703/201/Hi5
B/Wisconsin/1/2010 HA/Hi5
BV-CH4/3-HK14/Hi5
cH5/1ss/Hi5
cH8/1ss/Hi5
S-GSAS_Brazil/293F

S-GSAS\_SA/293F

X-31 H3 HA/Hi5