

QVQ Products & Targets			
VHH (Q-code)	Clone	Target	CD #
Q01	J3R	HIV gp120, CD4 binding site	
Q02	J3Rsc	HIV gp120, CD4 binding site	
Q03	3E3R	HIV gp120, CD4 binding site	
Q06	2H10	HIV gp41, MPER	
Q07	1B5	HIV gp120, near bridging sheet	
Q08	2E7	HIV gp41, post-fusion epitope	
Q09	1F10	HIV gp120, V3 loop	
Q12	10G1	CD4	CD4
Q13	12A1	CD4	CD4
Q14	X4	CD4	CD4
Q15	Z2	CD4	CD4
Q16	11A4	Her2	CD340
Q17	11A4Sc	Her2	CD340
Q18	22G12	Her2	CD340
Q19	18A12	Her2	CD340
Q22	QME-G2	Met	
Q25	VHH1	CAIX	
Q26	VHH4	CAIX	
Q27	1-B9	CAIX	
Q28	1-C5	CAIX	
Q29	1-D8 (=Benign)	CAIX	
Q30	1-E4	CAIX	
Q31	BMP7-A1	BMP7	
Q32	BMP7-G7	BMP7	
Q33	B8	BMP6	
Q34	H1	BMP6	
Q35	16C4	BMP4	
Q36	16C8	BMP2/4	
Q37	VHH8	Clusterin	
Q38	16	Clusterin	
Q39	19	Clusterin	
Q40	22	Clusterin	
Q41	B3a	BACE	
Q42	G7	Amyloid $\beta$	
Q43	G7sc	Amyloid $\beta$	
Q44	Q44	EGFR	
Q45	8	MPO	
Q46	10	MPO	
Q47	12	MPO	
Q48	VHH5	VLA-3	
Q49	H6	VLA-3	
Q50	bihead VHH5	KDEL	
Q51	3H8	DCSign	
Q52	QTF-3B2	Transferrin Receptor	CD71
Q53	1H9	HIV gp120	
Q54	11F1	HIV gp41, HR1 coiled coil	
Q55	FSH-10B10	NCAM	CD56
Q56	FSH-1B5	DUX4	
Q57	FSH-4B3	DUX4	
Q58	FSH-4B3-(G4S)2-1B5	DUX4	
Q59	2B10	Rotavirus	
Q60	FSH-5G1	Vimentin	
Q61	Q61	PSA	
Q63	QFI-1H1	Fibronectin [FN]	
Q64	VDN-1A8	DNABII	
Q65	VDN-1A9	DNABII	
Q66	QEP-3C7	EpCam	CD326
Q67	VEGF	VEGF	
Q68	WHR-1A8	CD163	CD163
Q69	WHR-1B9	CD163	CD163
Q70	WHR-1C11	CD163	CD163
Q71	UDK-G7	DKK1	
Q72	UDK-H7	DKK1	
Q75	FSH-14F8	ITGB1	CD29
Q76	59H10	HIV p24	
Q77	CL1	Clusterin	
Q78	CL3	Clusterin	
Q79	CL6	Clusterin	
Q80	CL8	Clusterin	
Q81	QTF-4E4	Transferrin Receptor	CD71
Q82	59H4	HIV p24	
Q83	37E7	HIV p24	
Q84	QX4-G2	CXCR4	CD184
Q85	QX4-E11	CXCR4	CD184
Q86	EGB4	EGFR	
Q87	VDN-1E11	DNABII	
Q88	QUP-2G4	uPAR	

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Target	CD #	VHH
Amyloid $\beta$		Q42, Q43
BACE		Q41
BMP2/4		Q36
BMP4		Q35
BMP6		Q33, Q34
BMP7		Q31, Q32
CAIX		Q25, Q26, Q27, Q28, Q29, Q30
CD163	CD163	Q68, Q69, Q70
CD4	CD4	Q12, Q13, Q14, Q15
Clusterin		Q37, Q38, Q39, Q40, Q77, Q78, Q79, Q80
cMet		Q22
CXCR4	CD184	Q84, Q85
DCSign		Q51
DKK1		Q71, Q72
DNABII		Q64, Q65, Q87
DUX4		Q56, Q57, Q58
EGFR		Q44, Q86
EpCam	CD326	Q66
Fibronectin [FN]		Q63
Her2	CD340	Q16, Q17, Q18, Q19
HIV gp120		Q1, Q2, Q3, Q7, Q9, Q53
HIV gp41		Q6, Q8, Q54
HIV p24		Q76, Q76B, Q82, Q83
ITGB1	CD29	Q75
KDEL		Q50
MPO		Q44, Q45, Q46, Q47
NCAM	CD56	Q55
P24 (HIV)		Q76, Q76B, Q82, Q83
PSA		Q61
Rotavirus		Q59
Transferrin Receptor	CD71	Q52, Q81
uPAR		Q88
VEGF		Q67
Vimentin		Q60
VLA-3		Q48, Q49

1-9-2019



VHHs with Q-codes are available as:

- FLAG-His-tagged recombinant protein from *E.coli*
- Tagless recombinant protein from yeast
- C-Direct tagged protein from yeast
- Site-directionally conjugated to:  
Biotin, chelators (e.g. NOTA or fluorescent dyes)

These products can be custom-ordered as bivalent molecules (Biheads) for:

- Increasing binding affinity or potency (through avidity)
- Creating bispecificity