

Supplementary table 1. Sequences used to design VHHF and VHHR primers

Name	Organism	Length	Accession number
Anti-abeta llama single-domain antibody-V31-1 (V _H H) protein	<i>Vicugna pacos</i>	393 bp	AM922479
Anti-EGFR single domain antibody gene, clone EG2	<i>Lama glama</i>	375 bp	EU153238
Anti-gliadin single domain antibody, clone 33	<i>Lama glama</i>	336 bp	FJ155930
Anti-HER2 single domain antibody C7b	<i>Lama glama</i>	369 bp	JX047590
Anti-KRT19 single domain antibody KE9	<i>Lama glama</i>	348 bp	JX047591
Anti-LAB phage VHH#7 immunoglobulin heavy chain variable region	<i>Lama glama</i>	396 bp	AF425251
Anti-Shiga toxin antibody VHH Stx2-D2	<i>Vicugna pacos</i>	405 bp	KF551954
Anti-F4+ETEC bacteria VHH variable region, clone V3	<i>Lama glama</i>	363 bp	KC848504
Immunoglobulin heavy chain variable region	<i>Lama glama</i>	318 bp	AJ429751

(IGHV gene), clone C31			
Immunoglobulin heavy chain variable region (IGHV gene), clone C34	<i>Lama glama</i>	312 bp	AJ429752
Immunoglobulin heavy chain variable region (IGHV gene), clone C9	<i>Lama glama</i>	304 bp	AJ429747
Immunoglobulin heavy chain variable region (IGHV gene), clone K812	<i>Lama glama</i>	315 bp	AJ810810
Immunoglobulin heavy chain variable region gene, clone AR32	<i>Camelus dromedarius</i>	270 bp	EU478171
Immunoglobulin heavy chain variable region, clone 28-16 anti-LPS	<i>Camelus dromedarius</i>	387 bp	EU861212
Immunoglobulin heavy chain variable region, clone CL9P4	<i>Camelus dromedarius</i>	414 bp	KC189943
Immunoglobulin heavy chain VHDJ region, clone OA-cb4	<i>Camelus bactrianus</i>	405 bp	KC481696
Immunoglobulin heavy chain VHDJ region, clone OA-cb5	<i>Camelus bactrianus</i>	405 bp	KC481697

Immunoglobulin M heavy chain, clone VHH PS2-8	<i>Lama glama</i>	381 bp	KF013132
JP 2010534465-A/4: Monomeric VHH domain derived from anti-VP6 camelid antibodies	<i>Lama glama</i>	408 bp	FW591163
KR 1020120049206-A/30: GFP-specific single domain antibody	artificial sequences	360 bp	DI237845
KR 1020120049206-A/35: GFP-specific single domain antibody	artificial sequences	351 bp	DI237850
Single-domain immunoglobulin heavy chain variable region (<i>ighv</i> gene), clone VI-24.	<i>Lama glama</i>	339 bp	AJ629048