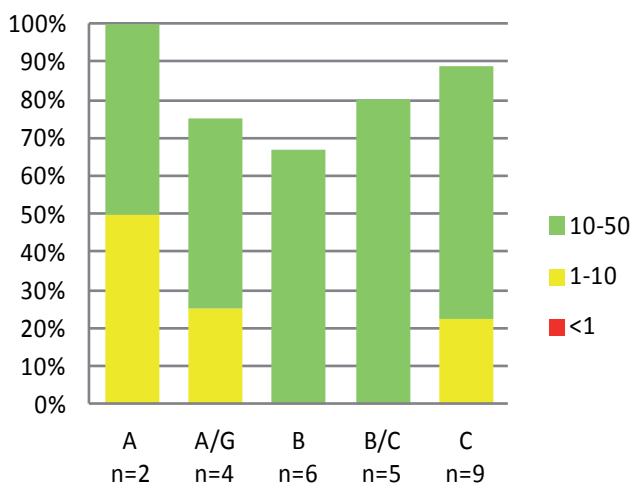
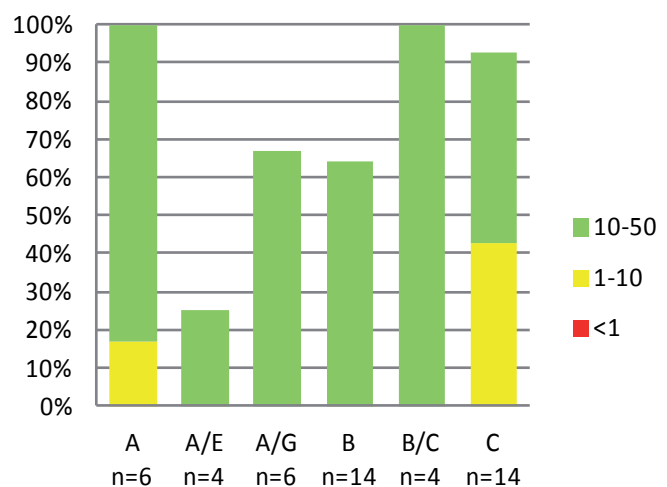


Product:	anti HIV-1 VHH directed to HR1 colied coil of gp41
Catalogue nr.:	QVO 08 (2E7R) and QVO 54 (11F1F)
Clone name:	2E7R and 11F1F
Specificity:	Detects an epitope that is temporarily exposed during membrane fusion before refolding in post fusion conformation Both 2E7 and 11F1F are rather broad but not very potent anti HIV VHH. When fused to J3RSc or 3E3 they are extremely potent and broad bi-specific VHH (for details see product sheets for bi-specific anti HIV-1 VHH)
Sources:	Recombinant monoclonal VHH , C-terminal extended VHH, directionally labeled VHH
Formulation:	Frozen 0.2 µm filtered solution of VHH in PBS (standard) On request larger amounts can be delivered in formulation suitable for the customer
Storage:	Standard product: Store the VHH at 4°C or aliquoted at -20°C. (addition of 0.02% natrium azide is optional)
Applications:	Elisa; epitope and conformational determinations (Strokappe et al 2016a); calibration of neutralization studies (Strokappe et al 2016b)

2E7 Neutralisation



11F1F Neutralisation



Clade specific Neutralization of VHH

The total neutralization per clade is shown by the height of the bar graph and the neutralization potency by the colors of the bar

- IC50 <1 µg/ml
- IC50 between 1 and 10 µg/ml
- IC50 between 10 and 50 µg/ml

	Cat nr	Tag
2E7	QVQ08	None
2E7 C terminal extended	QVQ08C	C-FLEA
2E7 directionally labeled with IRDye800CW	CQVQ08IR	IRDye800CW
11F1F	QVQ54	None
11F1F C terminal extended	QVQ54C	C-FLEA
11F1F directionally labeled with IRDye800CW	QVQ54IR	IRDye800CW