**Table 1 Oligonucleotides for PCR reactions and DNA sequencing**

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| **Name** | **Sequence (5’-3’)** | **Note** |
| sFvVP16F | 5′-TTGTTTCTTTTTCTGCACAAT-3′  | Hybridizes 93 bps upstream of the start codon (ATG) of VP16AD and is used to amplify part or all of the single domain fragments contained in pVP16\*  |
| sFvVP16R  | 5′-CAACATGTCCAGATCGAA-3′  | Hybridizes to the VP16AD region and is used to amplify and sequence part or all of the single domain fragments in pVP16\* and pEFVP16  |
| BTM116F  | 5′-CAGAGCTTCACCATTGAA-3′  | Hybridizes to the LexA region of pBTM116 and is used to sequence the bait antigen  |
| BTM116R  | 5′-TCAATAAGAGCGACCTCATG-3′  | Hybridizes to ADH1 in the terminator region of pBTM116 and pBD-Gal4 and is used to sequence the bait antigen  |
| rdmVHCDR2 Rev  | 5′-CAGAGTCTGCATAGTATATMNNMNNMNNMNN MNNACTAATGTATGAAACCCAC-3′ M indicates A or C  | Used to randomize complementarity determining region (CDR)2 residues of single variable heavy (VH) chain domains and, together with sFvVP16, to amplify the N-terminal regions of the VH domain  |
| VHCDR2Fw  | 5′-ATATACTATGCAGACTCTG-3′  | Complementary to a part of rdmVHCDR2Rev and, with sFvVP16R, used to amplify C-terminal regions of the VH domains  |
| rdmVLCDR2 Rev  | 5′-AACCTTGATGGGACCCCACTMNNMNNMNNGG ATGCMNNATAGATCAGGAGCTTAGGGG-3′  | Used to randomize CDR2 residues of single variable light (VL) chain domains and, with sFvVP16R, to amplify the N-terminal regions of VL domains  |
| VLCDR2Fw  | 5′-AGTGGGGTCCCATCAAGGTTCAG-3′  | Complementary to part of rdmVLCDR2Rev and used to amplify C-terminal regions of VL domain together with sFvVP16R  |
| rdmHCDR1 Rev  | 5′-CCTGGAGCCTGGCGGACCCAMNNCATMNNMN NMNNACTGAAGCTGAATCCAGAGG-3′  | Used to randomize CDR1 residues of single VH domains and with sFvVP16R, to amplify N-terminal regions of VH domains  |
| rdmVHCDR1 Rev2  | 5′-CCTGGAGCCTGGCGGACCCAGTTCATMNNMN NMNNMNNMNNMNNMNNTCCAGAGGCTGCACA GGAGAG-3′  | Complementary to part of rdmVHCDR1Rev or rdmVHCDR1Rev2 and with sFvVP16R, used to amplify C-terminal regions of VH domains  |
| VHCDR1Fw  | 5′-TGGGTCCGCCAGGCTCCAGG-3′  | Complementary to part of rdmVHCDR1Rev or rdmVHCDR1Rev2 and with sFvVP16R, used to amplify C-terminal regions of VH domains  |
| rdmVLCDR1 Rev  | 5′-CCTGGTTTCTGCTGATACCAMNNTAAMNNGCT GCTAATMNNCTGACTTGCCCGGCAAGTGATG-3′  | Used to randomize CDR2 residues of single VL domains and with sFvVP16R to amplify N-terminal regions of VL domains  |
| VLCDR1Fw  | 5′-TGGTATCAGCAGAAACCAGG-3′  | Complementary to part of rdmVLCDR1Rev and, with sFvVP16R, used to amplify C-terminal regions of VL domains |