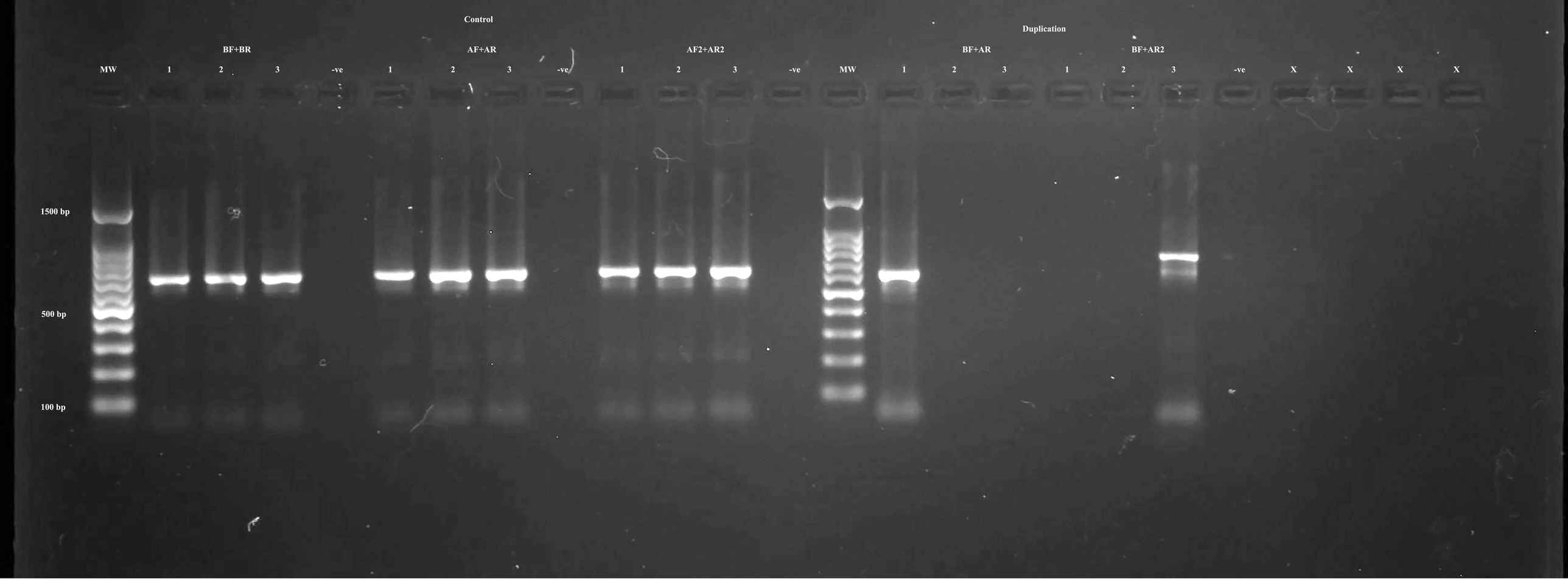
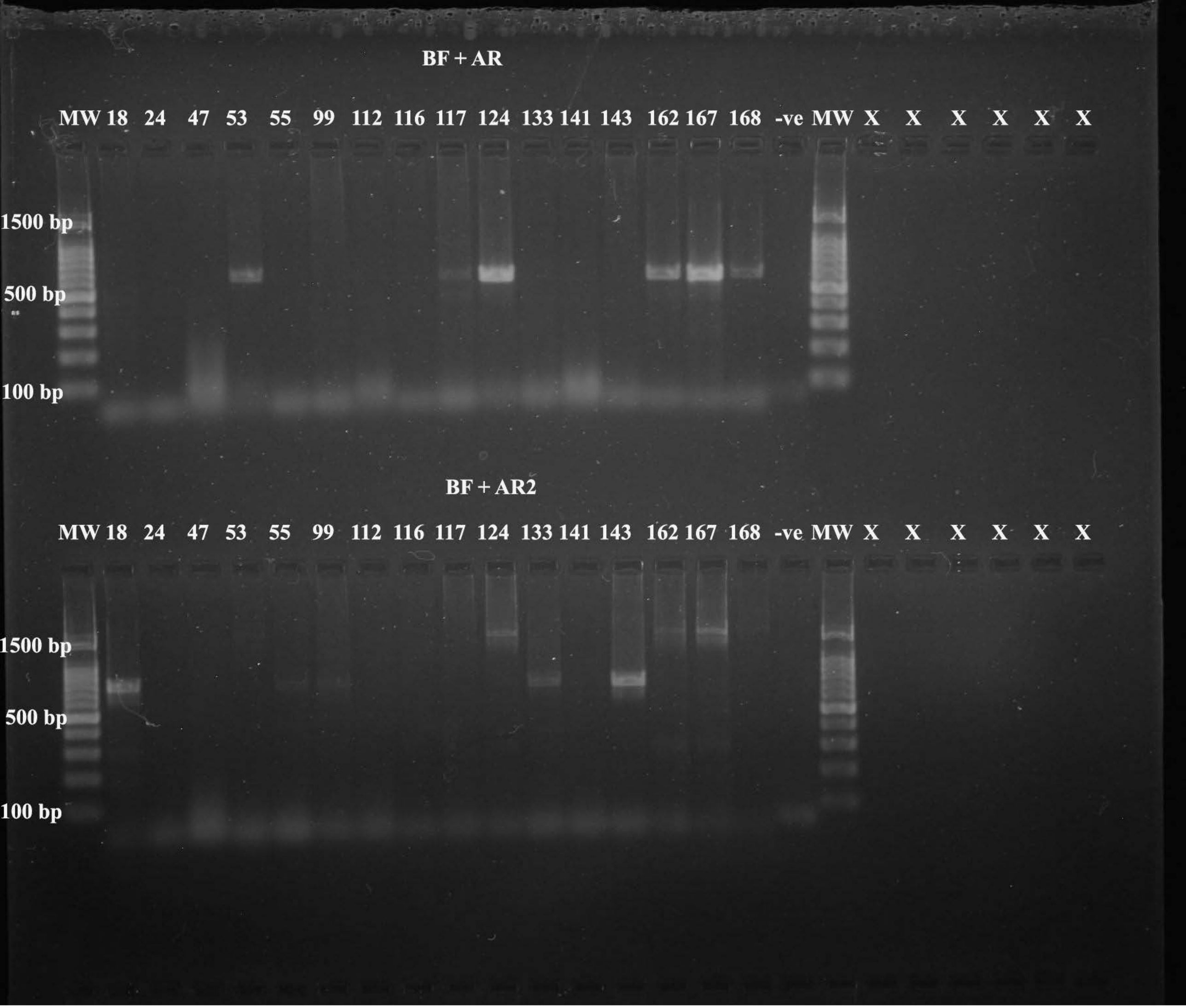
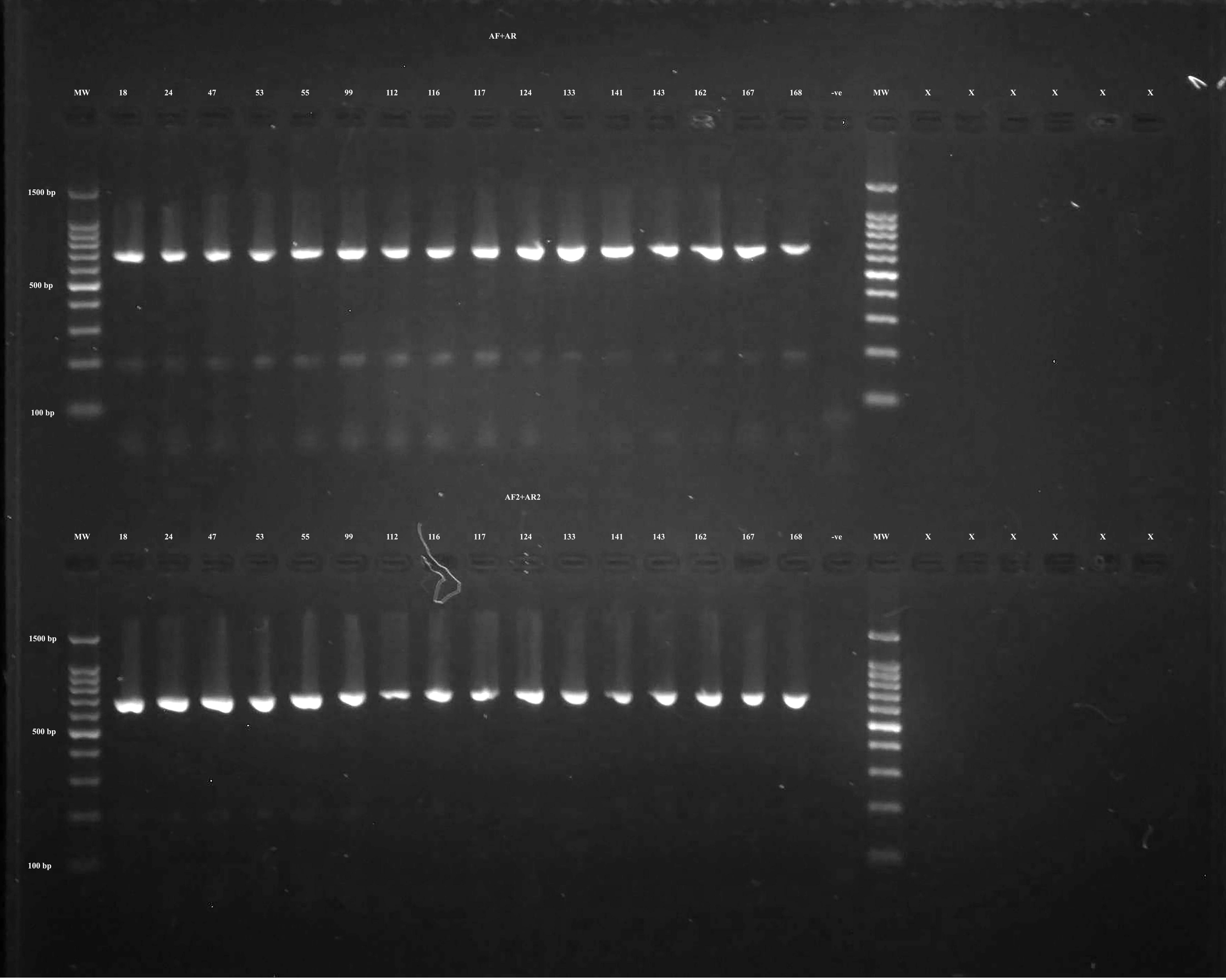


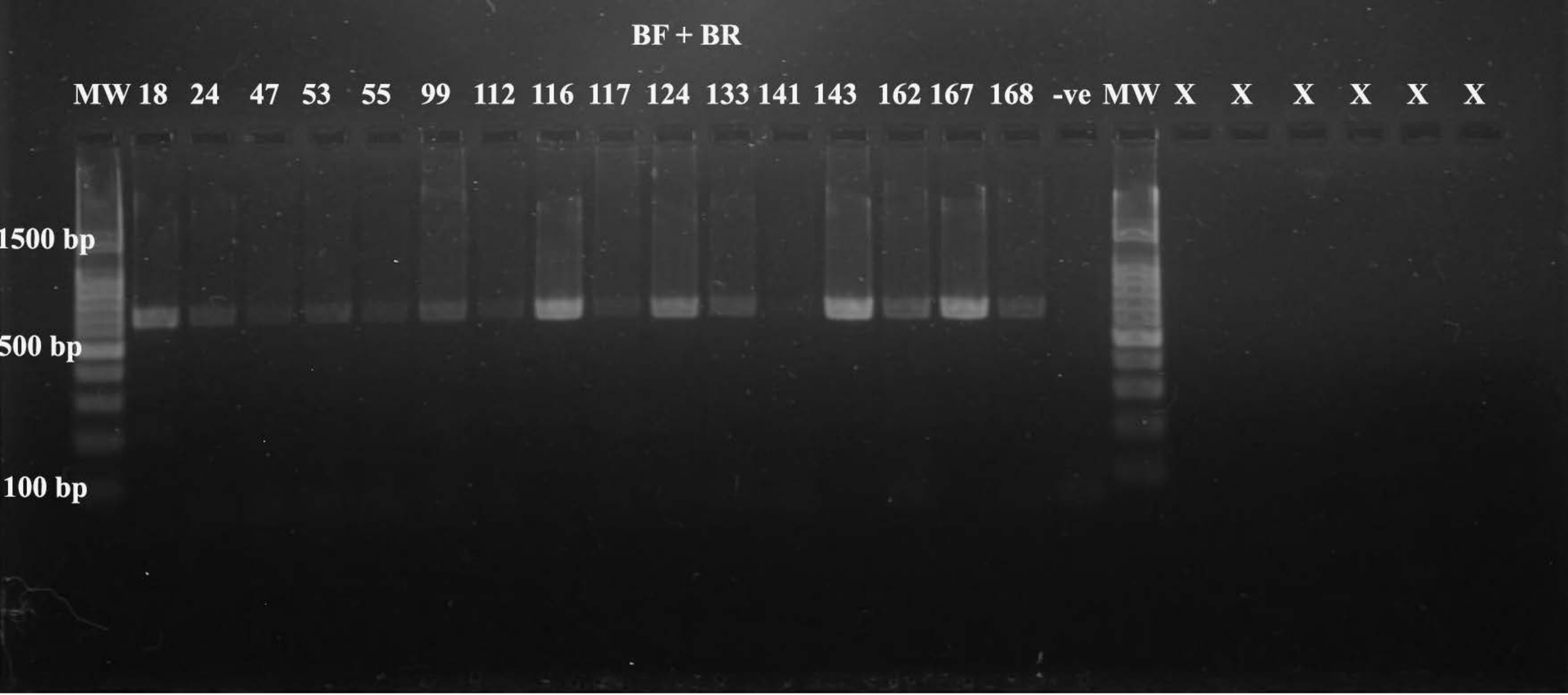
Figure 2: Gel identification of *PvDBP* duplication types of three selected *P. vivax*-infected samples based on PCR assays. The three positive controls (AF/AF, BF/BR, and AF2/AR2) showed approximately 650bp band, while no bands in the negative controls. Sample (1) indicated Malagasy-type duplication with 613bp band; sample (2) indicated Cambodian-type duplication with 736bp band; and sample (3) indicated a single copy of the PvDBP gene with no duplication.



Suppl Figure 2 (A): Gel identification of *PvDBP* duplication types of 7 *P. vivax*-infected samples which have discrepancy result between PCR and qPCR using the duplication primer BF/AR for Malagasy-type duplication with 613bp band in samples 124, 162, 167 and 168 and primer BF/AR2 for Cambodian-type duplication with 736bp band in samples 18, 55, 99, 133 and 143 while no bands in the negative controls.



Suppl Figure 2 (B): Gel identification of *PvDBP* duplication types of 7 *P. vivax*-infected samples which have discrepancy result between PCR and qPCR using the controls primer (AF/AR and AF2/AR2) showed approximately650bp band in all samples, while no bands in the negative controls.



Suppl Figure 2 (C): Gel identification of *PvDBP* duplication types of 7 *P. vivax*-infected samples which have discrepancy result between PCR and qPCR using the control primer BF/BR showed approximately 650bp band in all samples, while no band in the negative control.