## Supplementary table 2: Structural comparison of the ORFs of bacteriophages Yep-phi and YepMm.

| Yep-phi                  | YepMm                  |
|--------------------------|------------------------|
| HQ333270.1 ORF_1: 990:1220 | YePMm_ORF1: 990:1220  |
| HQ333270.1 ORF_2: 1291:2418 | YePMm_ORF2: 1291:2418  |
| HQ333270.1 ORF_3: 2492:5143 | YePMm_ORF3: 2492:5143  |
| HQ333270.1 ORF_4: 5257:5406 | YePMm_ORF4: 5257:5406  |
| HQ333270.1 ORF_5: 5406:5663 | YePMm_ORF5: 5406:5663  |
| HQ333270.1 ORF_6: 5794:6822 | YePMm_ORF6: 5794:6822  |
| HQ333270.1 ORF_7: 7008:7271 | YePMm_ORF7: 7008:7271  |
| HQ333270.1 ORF_8: 7271:7585 | YePMm_ORF8: 7271:7585  |
| HQ333270.1 ORF_9: 7673:7864 | YePMm_ORF9: 7673:7864  |
| HQ333270.1 ORF_10: 7932:8639 | YePMm_ORF10: 7932:8639 |
| HQ333270.1 ORF_11: 8659:9108 | YePMm_ORF11: 8659:9108 |
| HQ333270.1 ORF_12: 9108:9563 | YePMm_ORF12: 9108:9563 |
| HQ333270.1 ORF_13: 9732:11441 | YePMm_ORF13: 9732:11441 |
| HQ333270.1 ORF_14: 11516:11728 | YePMm_ORF14: 11516:11728 |
| HQ333270.1 ORF_15: 11742:12038 | YePMm_ORF15: 11742:12038 |
| HQ333270.1 ORF_16: 12133:13734 | YePMm_ORF16: 12133:13734 |
| HQ333270.1 ORF_17: 13807:14241 | YePMm_ORF17: 13807:14241 |
| HQ333270.1 ORF_18: 14598:14927 | YePMm_ORF18: 14598:14927 |
| HQ333270.1 ORF_19: 14947:15240 | YePMm_ORF19: 14947:15240 |
| HQ333270.1 ORF_20: 15240:15449 | YePMm_ORF20: 15240:15449 |
| HQ333270.1 ORF_21: 15446:15625 | YePMm_ORF21: 15446:15625 |
| HQ333270.1 ORF_22: 15622:16536 | YePMm_ORF22: 15622:16536 |
| HQ333270.1 ORF_23: 16670:16915 | YePMm_ORF23: 16670:16915 |
| HQ333270.1 ORF_24: 16933:17214 | YePMm_ORF24: 16933:17214 |
| HQ333270.1 ORF_25: 17229:17501 | YePMm_ORF25: 17229:17501 |
| HQ333270.1 ORF_26: 17516:19123 | YePMm_ORF26: 17516:19123 |
| HQ333270.1 ORF_27: 19197:20111 | YePMm_ORF27: 19197:20111 |
| HQ333270.1 ORF_28: 20242:21285 | YePMm_ORF28: 20242:21285 |
| HQ333270.1 ORF_29: 21493:22083 | YePMm_ORF29: 21255:21419 |
| HQ333270.1 ORF_30: 22110:24488 | YePMm_ORF30: 21493:22083 |
| HQ333270.1 ORF_31: 24572:24982 | YePMm_ORF31: 22110:24488 |
| HQ333270.1 ORF_32: 24986:25573 | YePMm_ORF32: 24572:24982 |
| HQ333270.1 ORF_33: 25609:27888 | YePMm_ORF33: 24986:25573 |
| HQ333270.1 ORF_34: 27912:31859 | YePMm_ORF34: 25609:27888 |
| HQ333270.1 ORF_35: 31942:33651 | YePMm_ORF35: 27912:31859 |
| HQ333270.1 ORF_36: 33704:33910 | YePMm_ORF36: 31942:33651 |
| HQ333270.1 ORF_37: 33903:34172 | YePMm_ORF37: 33704:33910 |
| HQ333270.1 ORF_38: 34271:34720 | YePMm_ORF38: 33903:34172 |
| HQ333270.1 ORF_39: 34713:35309 | YePMm_ORF39: 34271:34720 |
| HQ333270.1 ORF_40: 35325:37082 | YePMm_ORF40: 34713:35309 |
| Accession     | ORF ID   | Start (HQ333270.1) | End (HQ333270.1) | Start (YePMm) | End (YePMm) |
|--------------|----------|--------------------|------------------|---------------|-------------|
| HQ333270.1   | ORF_41   | 37113              | 37571            | 35325         | 37082       |
| HQ333270.1   | ORF_42   | 37947              | 38102            | 37113         | 37571       |
| YePMm        | ORF41    | 37843              | 37998            |               |             |