Table S6. Function modules and conserved ORFs.

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| --- | --- | --- |
| Prophages | ORFs | Function modules |
| M102AD | ORF12: putative tape measure proteinORF13:putative tail proteinORF14:putative receptor-binding proteinORF15:putative minor structural proteinORF16:hypothetical proteinORF17:hypothetical proteinORF18:putative holinORF19:putative endolysinORF20:putative endolysin | packaging and structural moduleshypothetical protein moduleshost lysis modules |
| Phismun24-1 | ORF28: putative tail component proteinORF29:putative tail component proteinORF30:tail-host specificity protein ORF31:tail proteinORF32:hypothetical proteinORF33:hypothetical proteinORF34:putative holinORF35:putative endolysinORF36:putative endolysin | packaging and structural moduleshypothetical protein moduleshost lysis modules |
| PhismunNLML9-1 | ORF43:putative tail component proteinORF44:putative tail component proteinORF45:tail-host specificity proteinORF46: tail proteinORF47:hypothetical proteinORF48:hypothetical proteinORF50: hypothetical proteinORF49:putative holinORF51:putative endolysin | packaging and structural moduleshypothetical protein moduleshost lysis modules |
| PhismunN66-1 | ORF23:putative tail component proteinORF24:putative tail proteinORF25:host specificity proteinORF26:tail proteinORF27:hypothetical proteinORF28:hypothetical proteinORF29:putative holin | packaging and structural moduleshypothetical protein moduleshost lysis modules |