

Planilha1

Phages features	PWKp1	PWKp2	PWKp3	PWKp5
Order	Caudovirales	Caudovirales	Caudovirales	Caudovirales
Family	<i>Autographiviridae</i>	<i>Autographiviridae</i>	<i>Autographiviridae</i>	<i>Ackermannviridae</i>
Genus	Drulisvirus	Drulisvirus	Drulisvirus	Taipeivirus
Sub-family				
Genome size (bp)	44,534	44,612	44,626	157,531
%GC	54,00%	54,00%	53,00%	46,00%
Number of features*	52	54	54	212
t-RNAs	0	0	0	6
Host	<i>K. pneumoniae</i> Kpn22	<i>K. pneumoniae</i> Kpn31	<i>K. pneumoniae</i> Kpn31	<i>K. pneumoniae</i> Kpn46
Country of Isolation	Brazil	Brazil	Brazil	Brazil
EOP ≥ 0.5	26 (53%)	1 (2%)	9 (19.1%)	13 (32.5%)
$0.5 > \text{EOP} > 0.1$	3 (6.2%)	4 (8.2%)	1 (2.1%)	2 (5%)
$0.1 \geq \text{EOP} > 0.001$	14 (28.6%)	31 (63.3%)	26 (55.3%)	10 (25%)
$\text{EOP} \leq 0.001$	6 (12.2%)	13 (26.5%)	9 (23.5%)	15 (37.5%)
Productive infection	49	49	47	40
Host Range Number	49	49	48	41

* Number of features represent the sum of CDS (coding sequence) and tRNA numbers.

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<i>Klebsiella</i> phages					
PWKp7	PWKp9S	PWKp9B	PWKp14	PWKp15	PWKp16
Caudovirales	Caudovirales	Caudovirales	Caudovirales	Caudovirales	Caudovirales
<i>Autographiviridae</i>	<i>Demereciviridae</i>	<i>Autographiviridae</i>	<i>Drexlerviridae</i>	<i>Drexlerviridae</i>	<i>Myoviridae</i>
Drulisvirus	Sugarlandvirus	Drulisvirus	Webervirus	Webervirus	-
					<i>Tevenvirinae</i>
44,892	109,179	44,881	49,365	50,457	170,706
54,00%	45,00%	54,00%	51,00%	51,00%	41,00%
54	174	53	79	80	298
0	23	0	0	0	7
<i>K. pneumoniae</i> Kpn23	<i>K. pneumoniae</i> Kpn3	<i>K. pneumoniae</i> Kpn3	<i>K. pneumoniae</i> Kpn32	<i>K. pneumoniae</i> P05	<i>K. pneumoniae</i> P31
Brazil	Brazil	Brazil	Saudi Arabia	Thailand	Thailand
30 (62.5%)	39 (72.2%)	16 (30.8%)	1 (20%)	1 (14.3%)	4 (33.3%)
4 (8.3%)	3 (5.5%)	20 (38.4%)	3 (60%)	0 (0%)	2 (16.7%)
4 (8.4%)	1 (1.8%)	7 (13.4%)	0 (0%)	1 (14.3%)	5 (41.6%)
10 (20.8%)	11 (20.5%)	9 (17.4%)	1 (20%)	5 (71.4%)	1 (8.3%)
48	54	52	5	7	12
48	54	52	14	25	12

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PWKp17	PWKp18	PWKp19	PWKp20
Caudovirales	Caudovirales	Caudovirales	Caudovirales
<i>Drexlerviridae</i>	<i>Myoviridae</i>	<i>Drexlerviridae</i>	<i>Drexlerviridae</i>
Webervirus	-	Webervirus	Webervirus
	<i>Tevenvirinae</i>		
51,637	170,712	51,583	51,939
52,00%	41,00%	52,00%	52,00%
83	295	84	84
0	7	0	0
<i>K. pneumoniae</i> Kpn32	<i>K. pneumoniae</i> P20	<i>K. pneumoniae</i> Kpn32	<i>K. pneumoniae</i> Kpn32
Bangladesh	Bangladesh	Bangladesh	Thailand
3 (37.5%)	8 (20%)	1 (12.5%)	1 (16.6%)
0 (0%)	20 (50%)	1 (12.5%)	1 (16.6%)
1 (12.5%)	12 (30%)	1 (12.5%)	1 (16.6%)
4 (50%)	0 (0%)	5 (62.5%)	3 (51.2%)
8	40	8	6
16	42	19	17