

Table S3 Percentage of ORFs homologous between bacteriophages of the PAK\_P1-like and KPP10-like clades

Name ( <i>number of predicted ORFs</i> )	JG004	PAK_P1	PAK_P2	PAK_P4	PaP1	C2_10-Ab1	PAK_P5	CHA_P1	KPP10	LSL4	PAK_P3
JG004 (161)	<b>100<sup>a</sup></b>	<b>89</b>	<b>89</b>	<b>88</b>	<b>83</b>	<b>84</b>	23	24	22	23	24
PAK_P1 (181)	<b>79</b>	<b>100</b>	<b>90</b>	<b>90</b>	<b>83</b>	<b>78</b>	24	24	23	24	24
PAK_P2 (175)	<b>82</b>	<b>93</b>	<b>100</b>	<b>95</b>	<b>82</b>	<b>77</b>	25	25	23	24	25
PAK_P4 (174)	<b>82</b>	<b>94</b>	<b>95</b>	<b>100</b>	<b>83</b>	<b>78</b>	25	25	24	25	25
PaP1 (157)	<b>85</b>	<b>96</b>	<b>91</b>	<b>92</b>	<b>100</b>	<b>84</b>	24	24	24	25	25
C2_10-Ab1 (157)	<b>87</b>	<b>90</b>	<b>86</b>	<b>86</b>	<b>84</b>	<b>100</b>	24	24	24	25	25
PAK_P5 (164)	23	27	26	27	23	23	<b>100</b>	<b>96</b>	<b>83</b>	<b>94</b>	<b>93</b>
CHA_P1 (164)	23	26	26	26	23	23	<b>96</b>	<b>100</b>	<b>84</b>	<b>93</b>	<b>94</b>
KPP10 (146)	25	28	28	29	26	25	<b>93</b>	<b>95</b>	<b>100</b>	<b>91</b>	<b>95</b>
LSL4 (165)	22	27	25	26	24	24	<b>93</b>	<b>92</b>	<b>81</b>	<b>100</b>	<b>91</b>
PAK_P3 (165)	23	27	26	27	24	24	<b>93</b>	<b>93</b>	<b>84</b>	<b>91</b>	<b>100</b>

<sup>a</sup>: in bold, percentages corresponding to the two clades