

Supplementary Table S3. Nucleotide (nt) and amino acid (aa) identities between open reading frames (ORFs) and their predicted products of babaco ilarvirus-1 (BabIV-1) and counterparts from all ilarviruses currently available at NCBI.

<i>Iilarviruses</i>	RNA 1 nt	ORF 1a nt(aa)	RNA 2 nt	ORF2a nt(aa)	RNA 3 nt	ORF3a nt(aa)	ORF3b nt(aa)
Subgroup 1							
<i>Ageratum latent virus</i>	39,88	43,19 (51,26)	36,29	40,08 (43,56)	21,78	33,84 (33,11)	28,27 (26,77)
<i>Parietaria mottle virus</i>	40,42	42,34 (51,49)	36,86	39,56 (44,03)	21,74	31,32 (33,11)	28,80 (25,75)
<i>Tobacco streak virus</i>	40,77	42,83 (50,72)	36,62	39,00 (44,42)	22,51	31,86 (32,67)	29,21 (28,40)
<i>Privet ringspot virus</i>	39,79	42,24 (50,32)	36,86	39,72 (44,14)	21,82	32,45 (35,31)	28,32 (25,00)
<i>Strawberry necrotic shock virus</i>	39,43	42,31 (50,63)	37,14	39,38 (44,55)	22,90	31,97 (33,99)	27,99 (30,33)
<i>Blackberry chlorotic ringspot virus</i>	39,69	42,22 (50,32)	36,25	38,82 (44,20)	23,70	32,91 (33,99)	30,16 (28,19)
<i>Average (% identity)</i>	40,00	42,52 (50,79)	36,67	39,43 (44,15)	22,41	32,39 (33,70)	28,79 (27,41)
Subgroup 2							
<i>Tulare apple mosaic virus</i>	39,85	42,82 (48,80)	33,48	36,45 (40,35)	21,90	32,55 (34,90)	29,63 (27,04)
<i>Citrus leaf rugose virus</i>	39,67	42,97 (52,00)	34,29	37,02 (40,35)	20,26	32,67 (33,67)	31,28 (25,42)
<i>Spinach latent virus</i>	39,49	43,35 (49,22)	34,45	39,48 (40,53)	23,79	31,65 (34,34)	33,29 (29,44)
<i>Elm mottle virus</i>	40,21	43,46 (50,00)	33,59	38,19 (42,15)	23,42	32,87 (33,89)	30,47 (27,83)
<i>Asparagus virus 2</i>	40,28	42,93 (50,55)	33,78	38,06 (41,37)	23,78	32,65 (33,89)	30,13 (28,57)
<i>Citrus variegation virus</i>	40,67	43,36 (50,55)	34,36	39,46 (41,70)	21,48	33,02 (31,31)	31,30 (29,00)
<i>Tomato necrotic streak virus</i>	39,93	43,53 (51,77)	33,08	36,54 (39,03)	22,25	31,99 (34,23)	30,25 (28,33)
<i>Average (% identity)</i>	40,01	43,20 (50,41)	33,86	37,89 (40,78)	22,41	32,49 (33,75)	30,91 (27,95)
Subgroup 3							
<i>Apple mosaic virus</i>	57,20	53,72 (73,96)	49,62	49,02 (65,63)	40,28	48,71 (71,33)	48,71 (61,61)
<i>Apple necrotic mosaic virus</i>	58,83	53,60 (74,46)	51,16	49,62 (71,98)	41,78	46,69 (72,79)	50,28 (70,00)
<i>Blueberry shock virus</i>	57,15	53,57 (74,53)	50,04	51,37 (66,16)	41,51	50,60 (73,58)	50,20 (68,56)
<i>Prunus necrotic ringspot virus</i>	58,94	54,19 (76,05)	50,95	52,86 (67,73)	48,14	51,53 (73,61)	52,00 (68,72)
<i>Lilac leaf chlorosis virus</i>	58,97	53,86 (78,24)	49,55	49,03 (64,97)	44,93	52,99 (81,79)	49,65 (72,85)
<i>Average (% identity)</i>	58,22	53,79 (75,45)	50,26	50,38 (67,29)	43,33	50,10 (74,62)	50,17 (68,35)
Subgroup 4							
<i>Fragaria chiloensis latent virus</i>	41,80	44,58 (56,80)	39,05	38,54 (50,35)	31,50	35,19 (38,92)	36,15 (42,17)
<i>Prune dwarf virus</i>	41,85	45,90 (58,95)	40,51	42,15 (49,94)	23,28	38,34 (42,38)	32,32 (32,43)
<i>Average (% identity)</i>	41,83	45,24 (57,88)	39,78	40,35 (50,15)	27,39	36,77 (40,65)	34,24 (37,30)
Unclassified							
<i>Humulus japonicus latent virus</i>	41,91	44,95 (57,16)	36,39	36,52 (42,93)	17,84	35,32 (40,33)	28,63 (29,96)
<i>American plum line pattern virus</i>	39,39	42,66 (51,15)	37,24	36,08 (43,17)	31,48	30,82 (35,53)	34,34 (39,64)
<i>Average (% identity)</i>	40,65	43,81 (54,16)	36,82	36,30 (43,05)	24,66	33,07 (37,93)	31,49 (34,80)