

**Table 1: characteristic of stool samples investigated**

<b>Clinical status</b>	<b>AFP</b>	<b>Non-AFP cases (n=114)</b>				<b>Total</b>
		<b>Diarrhea</b>	<b>Myocarditis</b>	<b>Encephalitis</b>	<b>Meningitis</b>	
<b>effective</b>	104	67	16	9	22	218
<b>Average age</b>	5.5years	4 years				5 years
<b>(range)</b>	(0.5-16years)	(0.5 - 13years)				(0.5-16years)
<b>Sex ratio</b>	1.4	1.6				1.5

**Table 2:** Percent identities of selected nucleotide coding sequencing of the 34 proteins and their homologs from most related viruses.

	HAdV-A31	HAdV-A61	HAdV-A12	HAdV-A18
<b>E1a</b>	99	99	86	77
<b>E1b</b>	99	98	86	85
<b>IX</b>	99	99	85	80
<b>DNA pol</b>	99	98	85	82
<b>pTP</b>	98	99	85	82
<b>52k</b>	98	99	86	84
<b>pIIIa</b>	98	99	84	83
<b>PIII</b>	99	99	88	84
<b>PVII</b>	99	99	86	79
<b>PV</b>	99	99	84	78
<b>PX</b>	100	100	90	90
<b>PVI</b>	100	99	88	86
<b>Hexon</b>	99	88	82	84
<b>protease</b>	100	99	93	84
<b>DBP</b>	99	99	86	79
<b>100K</b>	99	99	84	72
<b>33K</b>	100	10	91	86
<b>22k</b>	99	99	86	81
<b>33K homolog protein</b>	99	99	86	80
<b>33K homolog protein2</b>	99	99	91	86
<b>PVIII</b>	100	100	87	83
<b>E3 12,5K</b>	100	100	87	83
<b>E3 CR1 Alpha</b>	99	99	83	73
<b>E3 CR1 beta</b>	99	97	80	71
<b>E3 rid alpha</b>	100	99	85	82
<b>E3 rid beta</b>	100	99	82	74
<b>E3 14,7K</b>	98	99	90	81

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<b>FIBRE</b>	99	99	79	72
<b>E4 ORF6</b>	99	99	87	75
<b>E4 ORF5</b>	99	99	90	76
<b>E4 ORF4</b>	99	99	88	76
<b>E4 ORF3</b>	100	100	95	95
<b>E4 ORF2</b>	99	100	96	96
<b>E4 ORF1</b>	99	99	92	90

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GenBank accession numbers: HAdV-A31 (AM749299); HAdV-A61 (JF964962);

HAdV-A12 (x73487); HAdV-A18 (GU191019).

**Table3:** Features of AdV-A31 positive AFP cases.

Sample N°	Collection date	Age	Genre	Sequence Acc. Num <sup>a</sup>
1	2012	1year	Male	MG872324 <sup>b</sup>
2	2012	2years	Male	MG766888
3	2012	2years	Male	MG872324 <sup>b</sup>
4	2012	2years	Male	MG766883
5	2012	3years	Female	MG766884
6	2012	4years	Female	MG766882
7	2012	5years	Female	MG766887
8	2013	0.5year	Female	MG766886
9	2013	1year	Female	MG766880
10	2013	1year	Female	MG766881
11	2013	1year	Male	MG766885
12	2013	2years	Male	MG766877
13	2014	1year	Male	MG766875
14	2014	3years	Female	MG766889
15	2014	4years	Male	MG766890
16	2015	1year	Male	MG766879
17	2015	2years	Male	MG766876
18	2015	4years	Female	MG766878

a: Accession number of sequenced PCR product

b: Complete genome sequence