

HPV L1 Gene DNA in Gardasil and its potential effects

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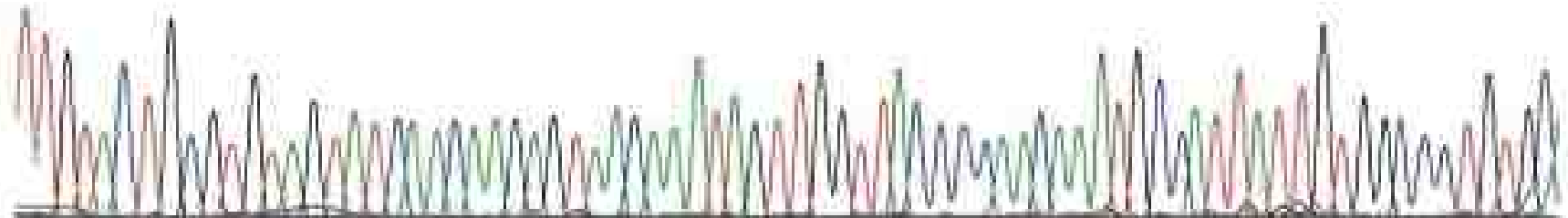
Conflict of interest

This study was commissioned and sponsored by SANEVAX, Inc. for a future payment not to exceed one U.S. dollar.

Table 1 – Gardasil® lot numbers, countries of origin and HPV L1 gene DNA found
J Inorg Biochem 2012; 117:85–92. [HPV-16 found in different non-B conformation]

<u>Lot #</u>	<u>Country/Source</u>	<u>Genotype</u>
1437Z vial	USA , Connecticut	HPV-11 HPV-18
1511Z prefilled syringe	USA , New York	HPV-18
0553AA vial	USA , New Jersey	HPV-11 HPV-18
NL35360 prefilled syringe	France	HPV-11 HPV-18
NP23400 prefilled syringe	Spain , Valencia	HPV-11 HPV-18
NN33070 prefilled syringe	Spain , Valencia	HPV-11 HPV-18
NM25110 prefilled syringe	Australia , Sydney	HPV-11 HPV-18
NL01490 prefilled syringe	New Zealand , Tauranga	HPV-18
NK16180 prefilled syringe	New Zealand , Northland	HPV-18
NK00140 prefilled syringe	New Zealand , Tauranga	HPV-11 HPV-18
NM08120 prefilled syringe	New Zealand , Christchurch	HPV-11 HPV-18
NL13560 prefilled syringe	New Zealand , Wellington	HPV-11 HPV-18
NL39620 prefilled syringe	Poland	HPV-11
NN28160 vial	Russia	HPV-11 HPV-18
NL49190 prefilled syringe	Bulgaria	HPV-11 HPV-18
NM29390 prefilled syringe	India	HPV-18

TTGTACTGCGTGTATGATATCAACAAAGTAACAAATAGTTGGTTACCCACAAATGCCATTATTGTGGGCGCTGTGG
 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145



✓ gb|HQ44239.1| Human papillomavirus type 16 isolate 2112, complete genome
 Length=7928

Score = 130 bits (1501), Expect = 4e-30
 Identifier = 76/76 (100%), Inq = 5/76 (7%)
 Strand-Plus/Minus

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Query 1      TTTACTGCGTGTATGATATCAACAAAGTAACAAATAGTTGGTTACCCACAAATGCCATTATTGTGGGCGCTGTGG 40
              |||
Subject 6530 TTTACTGCGTGTATGATATCAACAAAGTAACAAATAGTTGGTTACCCACAAATGCCATTATTGTGGGCGCTGTGG 6530

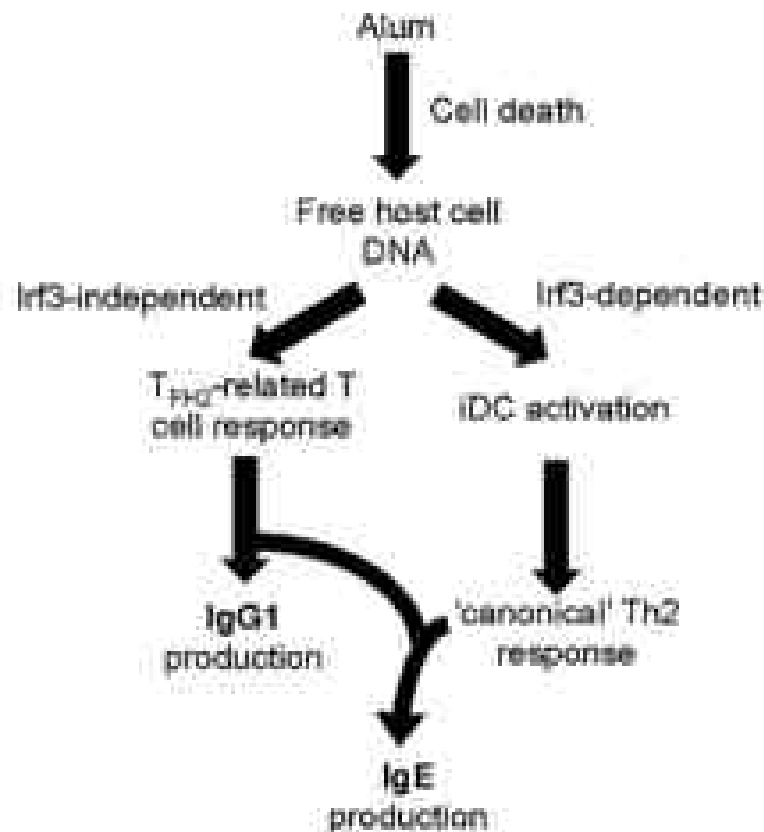
Query 61     TATTGAGGCGCTGGGCG 78
              |||
Subject 6530 TATTGAGGCGCTGGGCG 6530
  
```

HPV-16 L1 gene DNA in non-B conformation found in postmortem blood and spleen of an 18 years old female who died in sleep 6 months after Gardasil vaccination in New Zealand

**Five Gardasil vaccine samples from New Zealand physicians
-all tested positive for HPV L1 gene DNA**

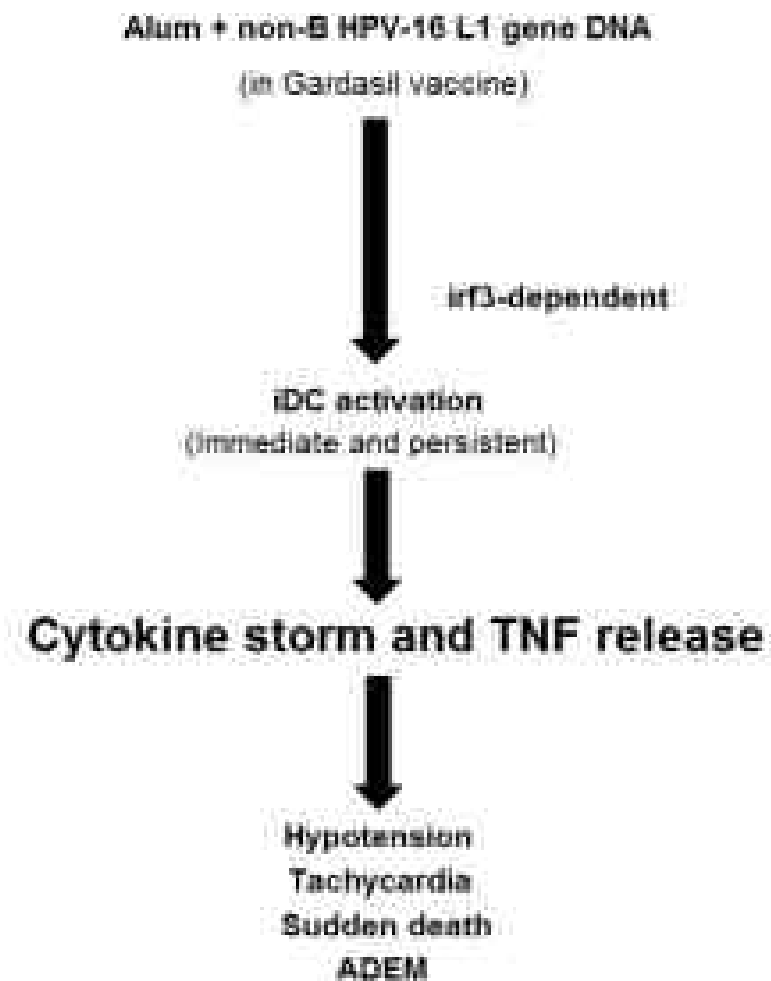
<u>Lot #</u>	<u>Country/Source</u>	<u>Results</u>
NL01490	New Zealand, Tauranga	HPV-18 HPV-16
NK16180	New Zealand, Northland	HPV-18 HPV-16
NK00140	New Zealand, Tauranga	HPV-11 HPV-18 HPV-16
NM08120	New Zealand, Christchurch	HPV-11 HPV-18 HPV-16
NL13560	New Zealand, Wellington	HPV-11 HPV-18 HPV-16

"Half-Truth"



Proposed model for the adjuvant effect of host cell DNA upon alum immunization.
Marichal T et al. Nat. Med. 2011; 17: 998-1002.

"In Real Life"



Proposed model for side effects Alum/viral DNA upon Gardasil vaccination.