



Australian Government

Department of Health and Aged Care

Secretary

Senator Gerard Rennick
Senator for Queensland
Senator.Rennick@aph.gov.au

Dear Senator Rennick

I refer to your correspondence dated 11 February 2025 seeking access to certain documents relating to Nuvaxovid. You have sought this information ahead of the Department's attendance at the additional budget estimates in the week commencing 24 February 2025.

Most of the documents you have requested contain confidential commercial information, which requires consultation with relevant third parties. We apologise for the inconvenience, but the department has not been able to finalise these consultations within the requested timeframe and ahead of estimates hearing.

Part of the information requested is presented at Attachment A.

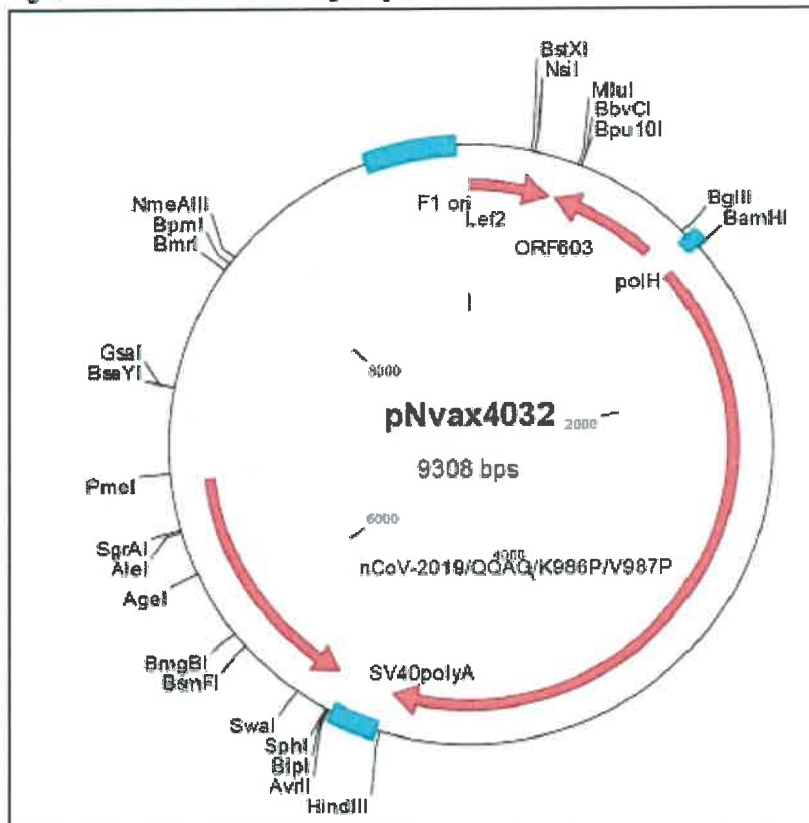
For transparency, the attached information has also been provided to the Community Affairs Legislation Committee.

Yours sincerely

Blair Comley PSM
25 February 2025

Plasmid Map for pNvax4032

Figure 3.2.S.2.3-4: Plasmid Map for pNvax4032



The pBAC1 transfer plasmid pNVAX5032 containing the SARS-CoV-2 rS gene and flanking sequences is shown in [Figure 3.2.S.2.3-4](#). Beginning at 12 o'clock position on the plasmid and proceeding clockwise are the following structural elements: E.coli plasmid F1 and Lef2, the baculovirus ORF603 gene required to rescue the FlashBacGOLD baculovirus DNA in transfected Sf9 cells as described in [Section 3.2.S.2.3.3.3 Transfection of Recombinant Baculovirus Generation \(P0\)](#), the AcMNPV baculovirus polyhedron promoter (polH) that controls the transcription of the rS gene (nCoV-2019/QQAQ/K986P/V987P) in Sf9 cells, followed by an mRNA polyadenylation signal (SV40polyA), homologous AcMNPV gene sequence, and flanking the rS gene BglII/BamHI and HindIII restriction enzyme sites to assist in cloning the gene into the pNvax4032 E.coli transfer plasmid. Inserted in the resulting recombinant AcMNPV baculovirus BV2373 is the rS gene under transcriptional control of the

polyhedron promoter and repaired adjacent ORF603 gene required to rescue the FlashBacGOLD baculovirus DNA.