

Supplementary Materials

Multiepitope Subunit Peptide-Based Nanovaccine against Por-Cine Circovirus Type 2 (PCV2) Elicited High Antibody Titers in Vaccinated Mice

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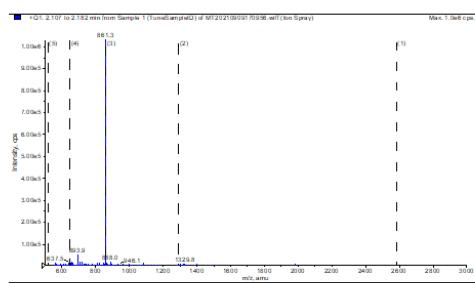
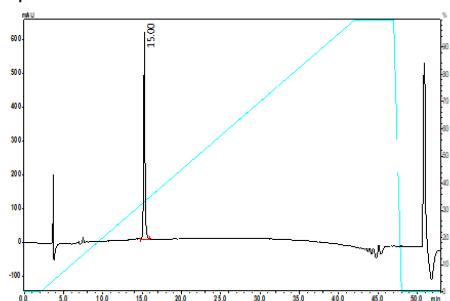
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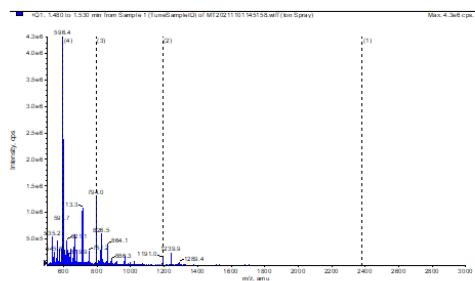
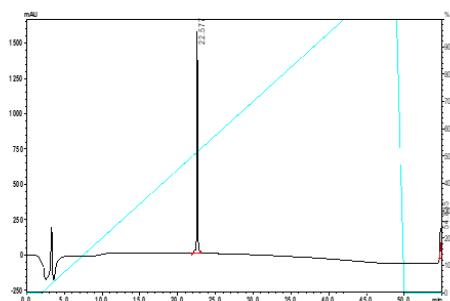
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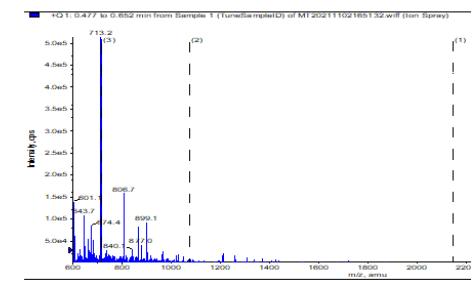
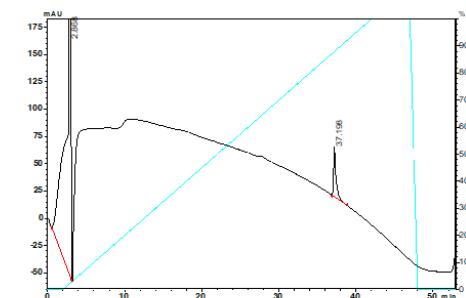
Peptide 1



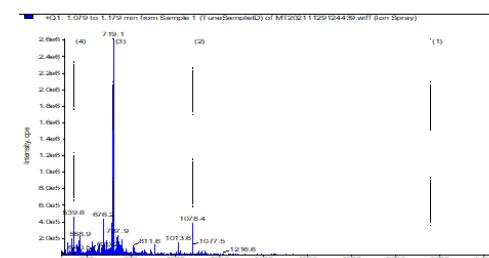
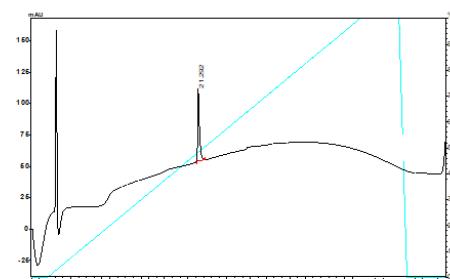
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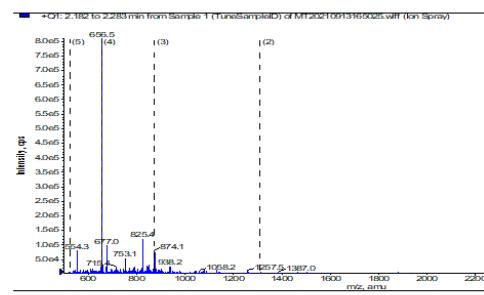
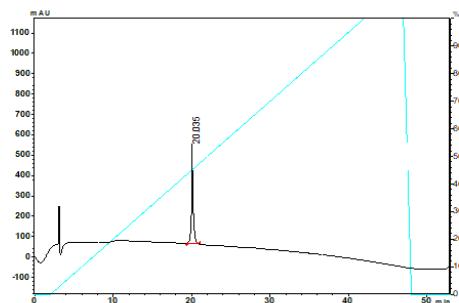
Peptide 3



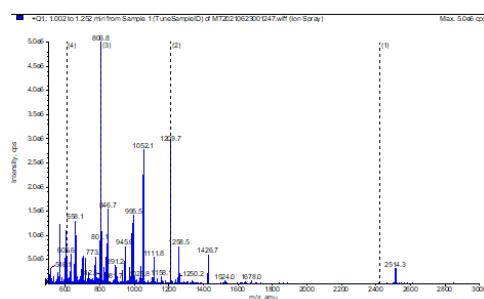
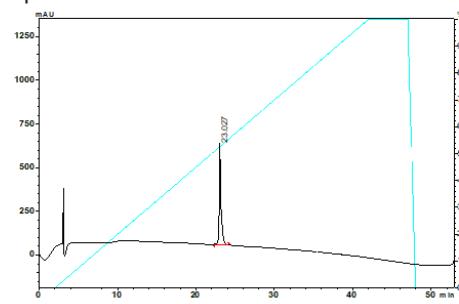
Peptide 4



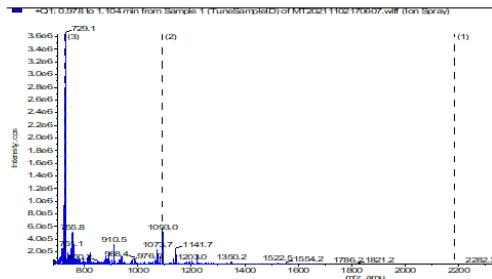
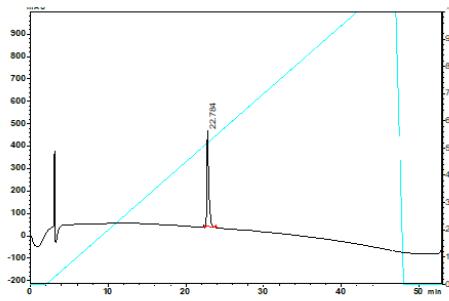
Peptide P1



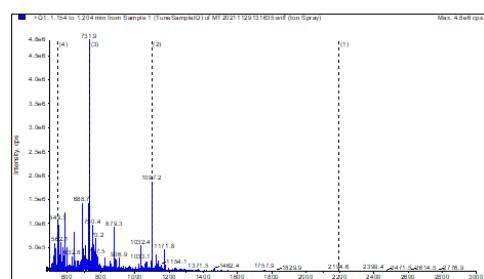
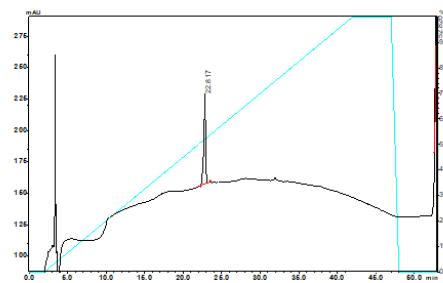
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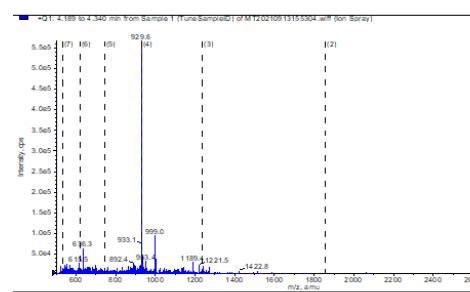
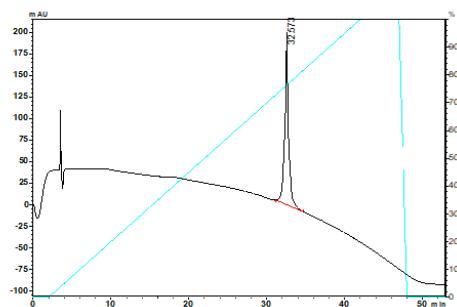
Peptide P3



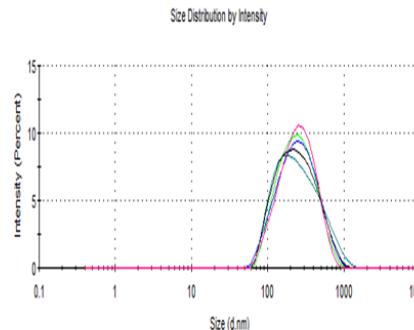
Peptide P4



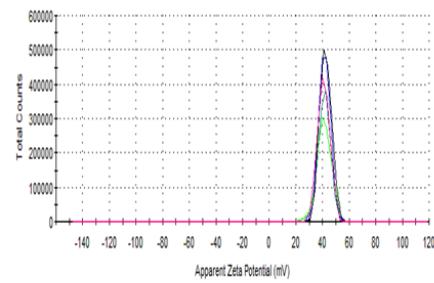
Conjugate 9



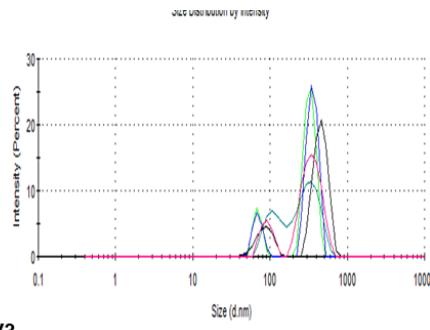
V1



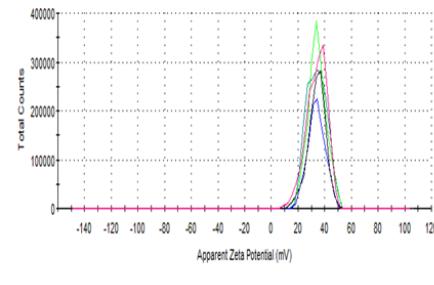
Zeta Potential Distribution



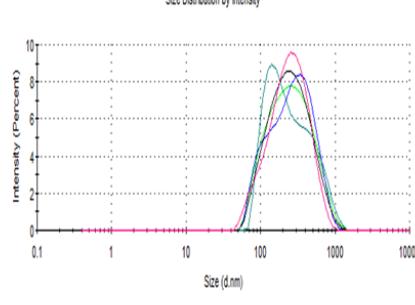
V2



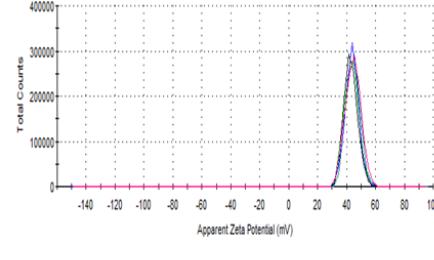
Zeta Potential Distribution



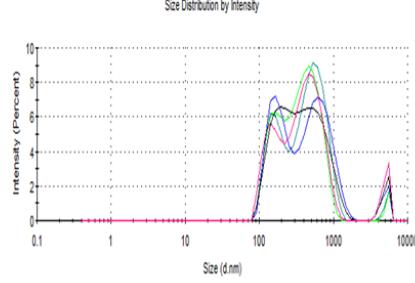
V3



Zeta Potential Distribution



V4



Zeta Potential Distribution

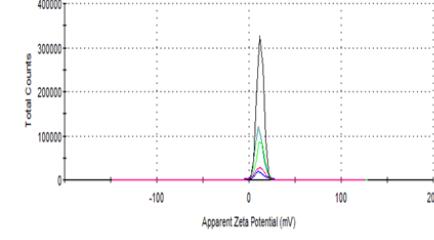
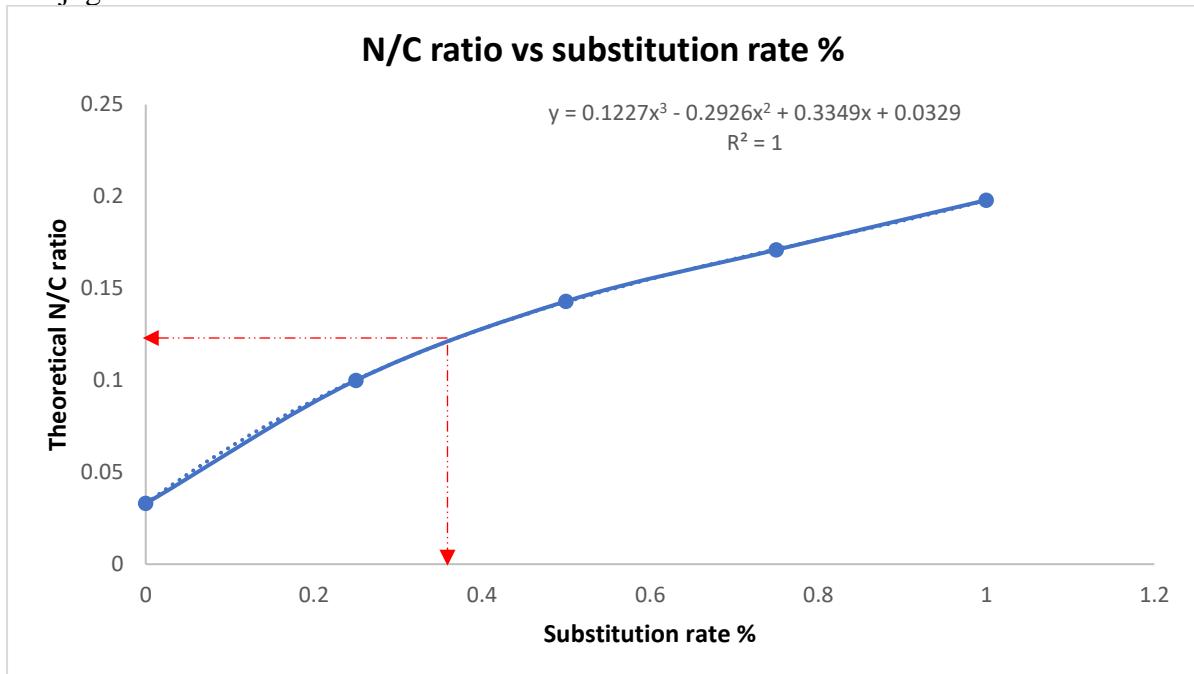
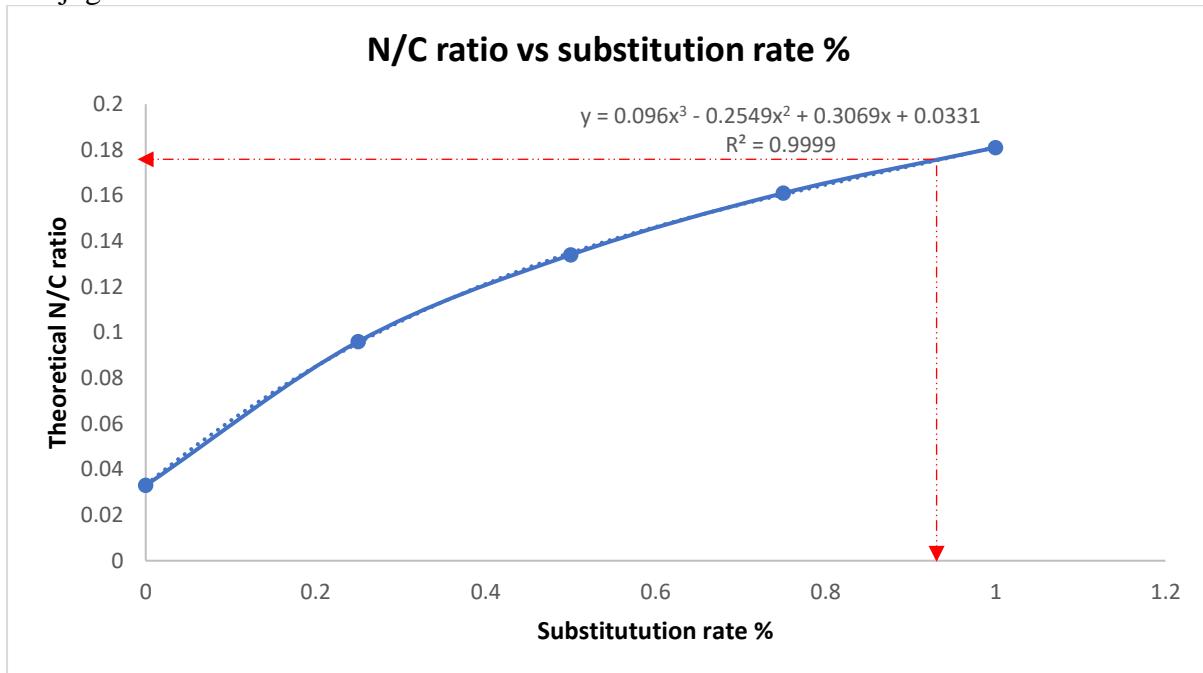


Figure S2. DLS spectra of vaccine candidates **V1-V4** (size distribution by intensity and zeta potential).

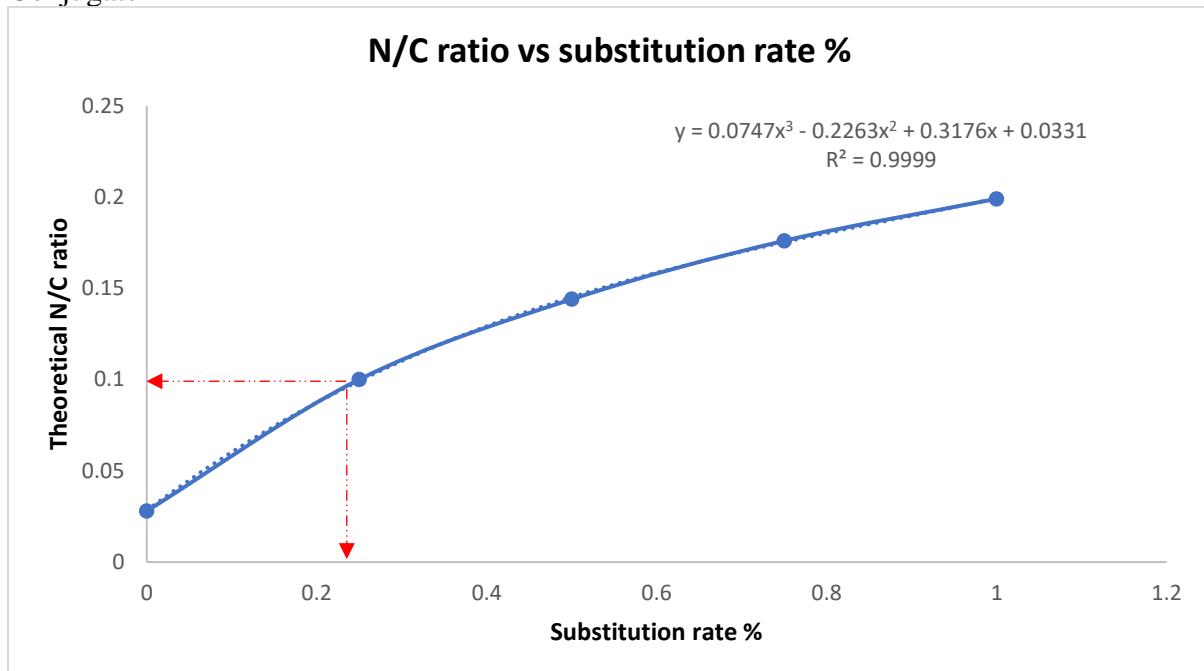
Conjugate 5



Conjugate 6



Conjugate 7



Conjugate 8

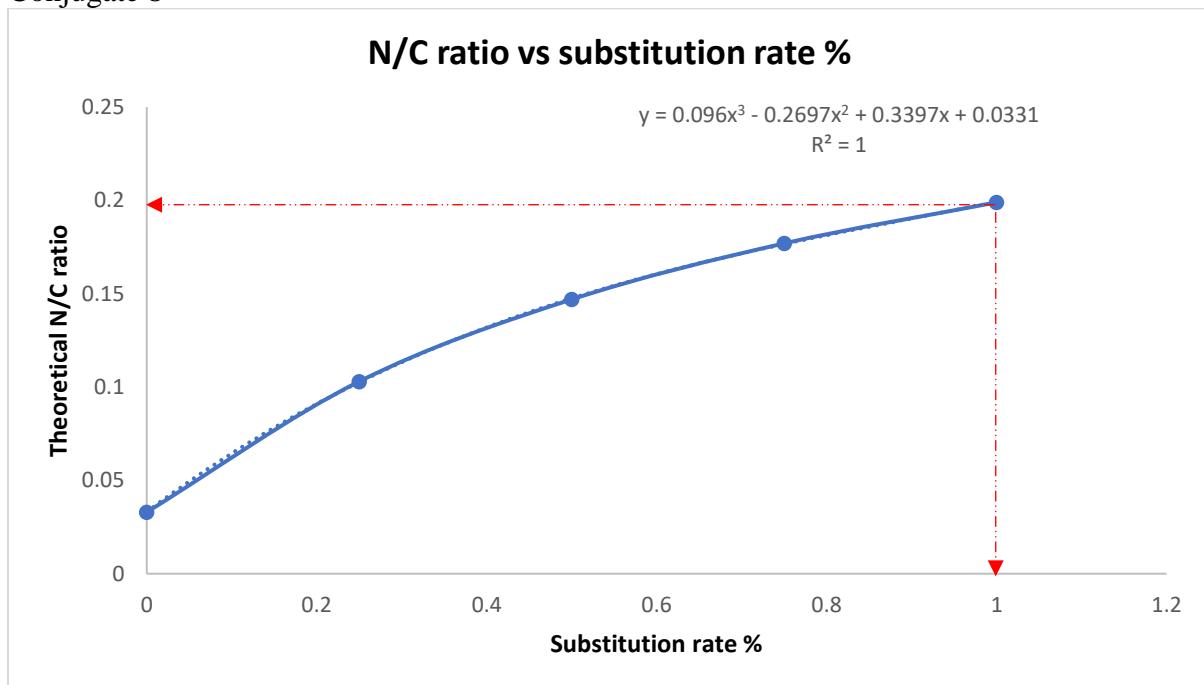


Figure S3. The curve of the theoretical substitution ratio (1 = 100%, horizontal axis) of peptide **P1-P4** to PMA in conjugates **5-8** versus N/C ratio (nitrogen carbon ratio of elemental analysis) of conjugates (vertical axis). Experimentally determined N/C by elemental analysis: 0.124 (**5**), 0.170 (**6**), 0.091 (**7**), and 0.204 (**8**).