

High-efficient inhibition of recognition in allorejection via pMyD88/liposomes complex

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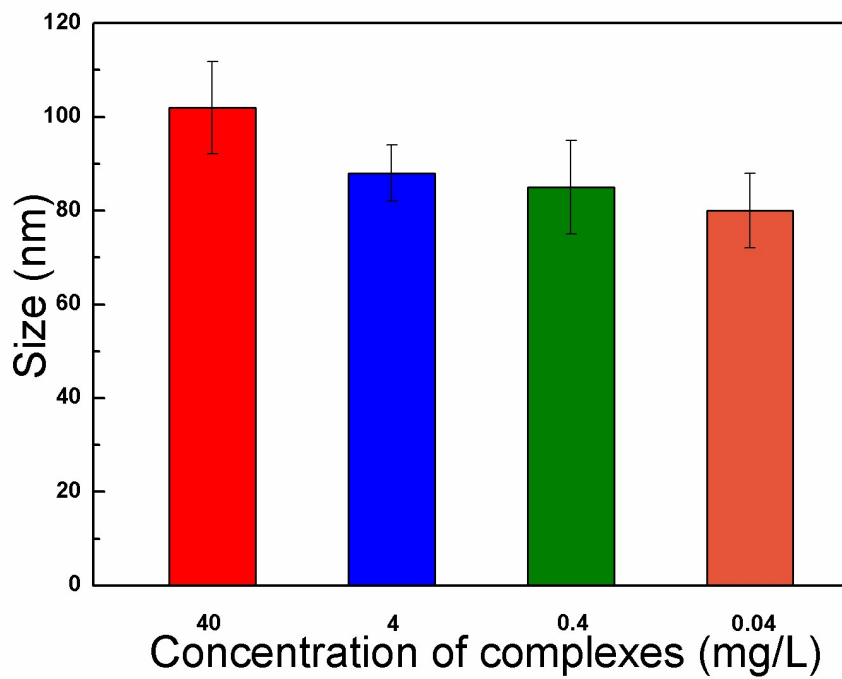


Fig. S1 Stability of the pMyD88/liposomes complexes against dilution.

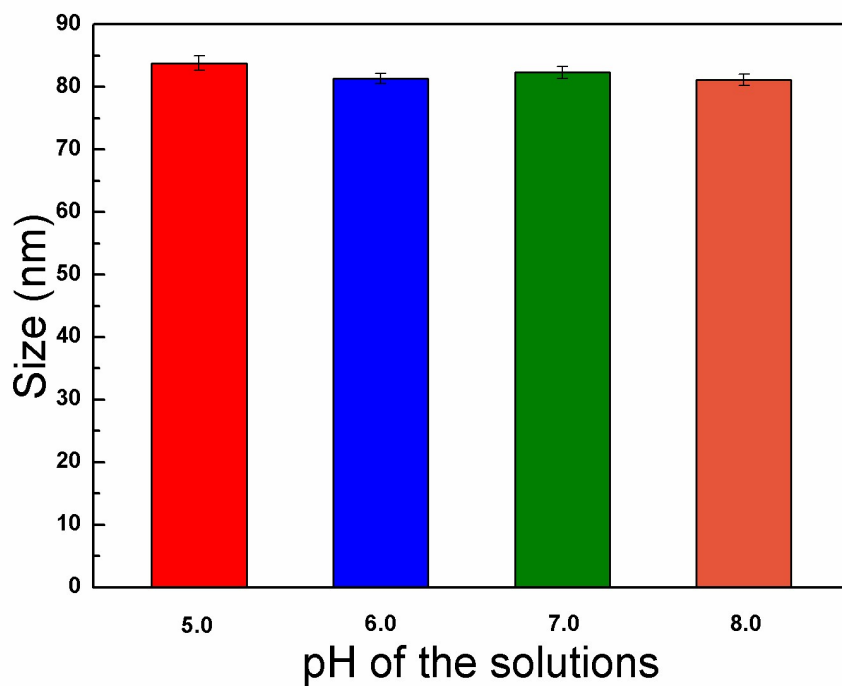


Fig. S2 Stability of the pMyD88/liposomes complexes against pH change.

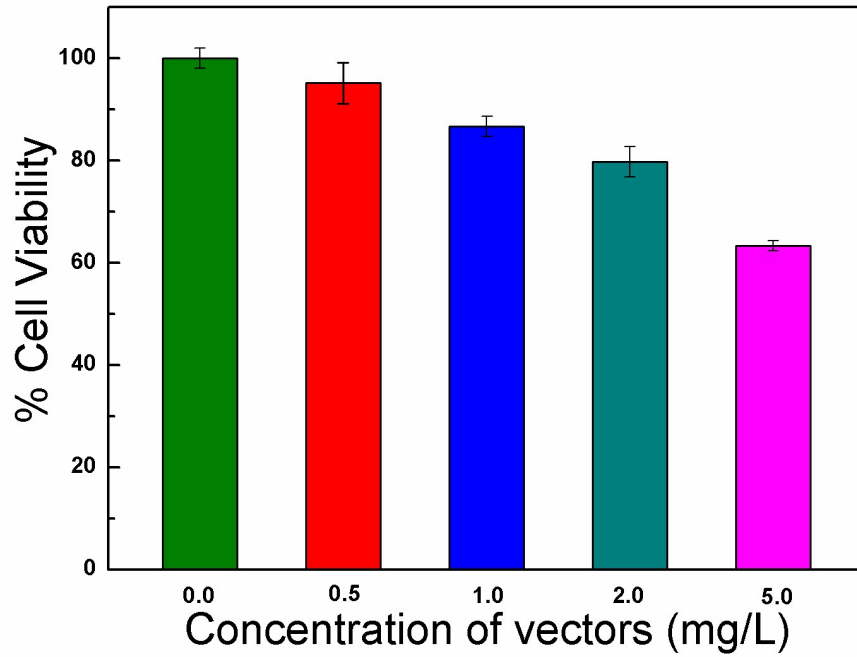


Fig. S3 Cell viability of the vectors with different concentrations.

| Groups | ΔCt | $\Delta\Delta Ct$ | $2^{-\Delta\Delta Ct}$ | Transcription | F | P |
|---------------|-------------|-------------------|------------------------|---------------------|-------|-------|
| | | | | level of MyD88 mRNA | | |
| Blank | 7.6000, | -0.291, | 1.22, | 1.09±0.18 | 19.09 | 0.000 |
| | 7.828, | -0.063, | 1.04, | | | |
| | 7.513, | -0.378, | 1.30, | | | |
| | 7.929, | 0.038, | 0.97, | | | |
| | 7.637, | 0.254, | 1.19, | | | |
| | 8.197, | 0.306, | 0.81, | | | |
| Liposomes | 7.522, | -0.043, | 1.03, | 1.01±0.12 | 19.09 | 0.000 |
| | 7.351, | -0.214, | 1.16, | | | |
| | 7.717, | 0.152, | 0.90, | | | |
| | 7.783, | 0.218, | 0.86, | | | |
| pHK/liposomes | 7.415, | 0.150, | 1.11, | 1.03±0.16 | 19.09 | 0.000 |
| | 7.536, | 0.029, | 1.02, | | | |
| | 7.115, | -0.299, | 1.23, | | | |
| | 7.126, | -0.288, | 0.82, | | | |
| | 7.568, | 0.154, | 0.90, | | | |

| | | | | |
|------------------|---------|--------|-------|------------|
| | 7.200, | 0.214, | 1.16, | |
| | 7.414, | 0.000, | 1.00, | |
| | 7.303. | 0.113. | 1.08. | |
| | 11.763, | 3.645, | 0.08, | |
| | 10.677, | 2.559, | 0.17, | |
| pMyD88/liposomes | 11.596, | 3.478, | 0.09, | 0.11±0.04* |
| | 10.959, | 2.841, | 0.14, | |
| | 11.309, | 3.191, | 0.11, | |
| | 11.755. | 3.637. | 0.08. | |

Table S1 Transcription level of MyD88 mRNA analyzed by Real Time PCR ($\bar{x} \pm s$, n=6)

| Groups | Each group | Expression level of MyD88 protein | F | P |
|------------------|---|-----------------------------------|--------|-------|
| Blank | 0.92, 0.99, 1.05, 1.11, 1.03, 0.80. | 0.98±0.11 | | |
| Liposomes | 0.95, 0.86, 1.04, 1.07, 0.96, 0.84. | 0.95±0.09 | 173.58 | 0.000 |
| pHK/liposomes | 0.98, 0.92, 0.91, 0.89, 1.01, 0.94. | 0.94±0.05 | | |
| pMyD88/liposomes | 0.08, 0.20, 0.12, 0.07, 0.11, 0.09. | 0.11±0.05* | | |

Table S2 Expression level of MyD88 protein analyzed by western blot ($\bar{x} \pm s$, n=6).