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Supplemental Information

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Table S1. Partial charges, σ and ε for atoms in epoxy and hydroxyl groups of GO.

| Functional | Atom | Charge (e) | σ(nm) | ε (kJ·mol ⁻¹) |
|------------|---------|------------|---------|---------------------------|
| group | 7 WOIII | Charge (c) | o (min) | c (ks mor) |
| Hydroxyl | C | 0.150 | 0.355 | 0.293 |
| | O | -0.585 | 0.307 | 0.711 |
| | Н | 0.435 | 0.000 | 0.000 |
| Epoxy | C | 0.200 | 0.350 | 0.276 |
| | O | -0.400 | 0.290 | 0.586 |

Table S2. Number of residues on the surface of the ghB and ghC modules.

| Binding | Positively | Negatively | Polar | Non-polar |
|------------|------------|------------|-------|-----------|
| module | charged | charged | | |
| ghB module | 14 | 8 | 21 | 18 |
| ghC module | 9 | 7 | 24 | 27 |

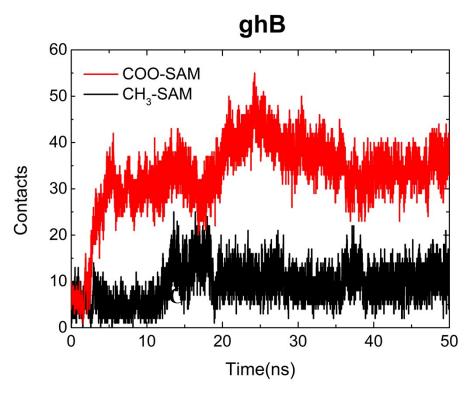


Fig. S1. The number of contact heavy atoms of gC1q (ghB) with SAMs with two different surfaces (i.e., CH₃-SAM, COO-SAM).

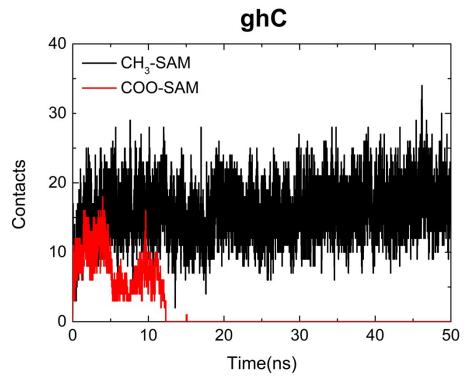


Fig. S2. The number of contact heavy atoms of gC1q (ghC) with SAMs with two different surfaces (i.e., CH₃-SAM, COO-SAM).