**Supporting information**

***Table S1: Analysis of variance***

|  |  |
| --- | --- |
| Source | P |
| Regression | **0,000** |
| Linear | **0,000** |
| Square | **0,153** |
| Interaction | **0,000** |

****

***Figure S2: Analysis of main effects plot***

****

***Figure S3: Analysis of interaction plot***



***Figure S4: Response optimization of the grafting process***