Supplementary Figures

A

Cont

AOM/DSS (week 4)

B

Cont

AOM/DSS (week 4)

C

Cont

AOM/DSS (week 4)

H&E

D

Cont

AOM/DSS (week 4)

Ki67

Supplementary Figure S1
Supplementary Figure S2

Supplementary Figure S3
Supplementary Table 1 Diversity indices of all groups

<table>
<thead>
<tr>
<th>Samples</th>
<th>OTU</th>
<th>Ace</th>
<th>Chao</th>
<th>Shannon</th>
<th>Simpson</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cont</td>
<td>575</td>
<td>439.9 ±</td>
<td>448.37 ±</td>
<td>4.2567 ±</td>
<td>0.049293 ±</td>
<td>0.99415 ±</td>
</tr>
<tr>
<td>Model</td>
<td>625</td>
<td>480.88 ±</td>
<td>482.84 ±</td>
<td>4.543 ±</td>
<td>0.025494 ±</td>
<td>0.99386 ±</td>
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<tr>
<td>NVPS-L</td>
<td>593</td>
<td>462.47 ±</td>
<td>465.41 ±</td>
<td>4.2445 ±</td>
<td>0.048766 ±</td>
<td>0.99383 ±</td>
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<tr>
<td>NVPS-H</td>
<td>564</td>
<td>437.78 ±</td>
<td>440.75 ±</td>
<td>4.3259 ±</td>
<td>0.031558 ±</td>
<td>0.99407 ±</td>
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<tr>
<td>NVPS-HP</td>
<td>617</td>
<td>465.28 ±</td>
<td>468.18 ±</td>
<td>4.1608 ±</td>
<td>0.044556 ±</td>
<td>0.99335 ±</td>
</tr>
</tbody>
</table>

*P < 0.05 vs group Model.