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Fig. S4A

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| *yw, Cumulative # of licking* |
| Time | Starvation vs Refed Sucralose | Starvation vs Refed Glucose |
| 0-5 | ns | ns |
| 5-10 | ns | ns |
| 10-15 | ns | ns |
| 15-20 | ns | ns |
| 20-25 | ns | ns |
| 25-30 | ns | ns |

|  |  |
| --- | --- |
| alpha | 0.05 |
| p value |  |
|  Time x Refeeding conditions) | 0.9999 |
|  Time | <0.0001 |
|  Refeeding conditions | 0.8321 |
|  Subject | <0.0001 |
| F (DFn, DFd) |  |
|  Time x Refeeding conditions | F (24, 1704) = 0.2587 |
|  Time | F (1.189, 168.8) = 102.8 |
|  Refeeding conditions | F (2, 142) = 0.1841 |
|  Subject | F (142, 1704) = 27.38 |

Fig. S4B

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| --- |
| *per01, Cumulative # of licking* |
| Time | Starvation vs Refed Sucralose | Starvation vs Refed Glucose |
| 0-5 | \*\*\* | ns |
| 5-10 | \*\* | ns |
| 10-15 | \*\* | ns |
| 15-20 | \*\*\* | ns |
| 20-25 | \*\*\* | ns |
| 25-30 | \*\*\* | ns |

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| --- | --- |
| alpha | 0.05 |
| p value |  |
|  Time x Refeeding conditions) | <0.0001 |
|  Time | <0.0001 |
|  Refeeding conditions | 0.0018 |
|  Subject | <0.0001 |
| F (DFn, DFd) |  |
|  Time x Refeeding conditions | F (24, 1476) = 6.720 |
|  Time | F (1.137, 139.9) = 73.68 |
|  Refeeding conditions | F (2, 123) = 6.686 |
|  Subject | F (123, 1476) = 32.81 |

Fig. S4C

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| --- |
| *tim01, Cumulative # of licking* |
| Time | Starvation vs Refed Sucralose | Starvation vs Refed Glucose |
| 0-5 | ns | \* |
| 5-10 | ns | \*\* |
| 10-15 | ns | \* |
| 15-20 | ns | \* |
| 20-25 | ns | \* |
| 25-30 | ns | ns |

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| --- | --- |
| alpha | 0.05 |
| p value |  |
|  Time x Refeeding conditions) | 0.5253 |
|  Time | <0.0001 |
|  Refeeding conditions | 0.211 |
|  Subject | <0.0001 |
| F (DFn, DFd) |  |
|  Time x Refeeding conditions | F (24, 1668) = 0.9547 |
|  Time | F (1.182, 164.2) = 190.0 |
|  Refeeding conditions | F (2, 139) = 1.574 |
|  Subject | F (139, 1668) = 27.06 |