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# Erratum: Auxin-inducible degron system reveals temporal-spatial roles of HSF-1 and its transcriptional program in lifespan assurance

Frontiers Production Office*

Frontiers Media SA, Lausanne, Switzerland

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An Erratum on

Auxin-inducible degron system reveals temporalspatial roles of HSF-1 and its transcriptional program in lifespan assurance

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Due to a production error, there are two errors in the first column of Table 2: In the column heading of trial 5, "Trial (without antibiotic)" instead of "Trial (with Carbenicillin)", and in the second trial "#3,, 25°C" instead of "#3, 25°C".

The publisher apologizes for this mistake. The original version of this article has been updated.

TABLE 2 A correction has been made to the section Results.

| Trial (without antibiotic) | Strain, treatment | Median lifespan (days of adulthood) | S.E. | Observed/ total | % Lifespan Change | p-value (log rank) |
|---|---|---|---|---|---|---|
| #1, 25°C | JTL623 (glp-1; eft-3p::tir1), control | 13.42 | 0.56 | 115/120 | | |
| | JTL623 (glp-1; eft-3p::tir1), 1 mM auxin (Day 1) | 13.97 | 0.46 | 116/120 | 4.10 | 3.20E-01 |
| | JTL667 (glp-1; eft-3p::tir1; hsf-1::degron), control | 13.12 | 0.38 | 114/120 | | |
| | JTL667 (glp-1; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 1) | 6.98 | 0.08 | 116/120 | −46.80 | <1e-8 |
| | JTL667 (glp-1; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 2) | 8.21 | 0.14 | 116/120 | −37.42 | <1e-8 |
| | JTL667 (glp-1; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 3) | 9.38 | 0.2 | 117/120 | −28.51 | <1e-8 |
| | JTL667 (glp-1; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 4) | 10.28 | 0.2 | 120/120 | −21.65 | <1e-8 |
| #1, 25°C | JTL624 (fem-3; eft-3p::tir1), control | 9.23 | 0.15 | 114/120 | | |
| | JTL624 (fem-3; eft-3p::tir1), 1 mM auxin (Day 1) | 9.15 | 0.17 | 115/120 | −0.87 | 8.48E-01 |
| | JTL670 (fem-3; eft-3p::tir1; hsf-1::degron), control | 9.44 | 0.16 | 118/120 | | |
| | JTL670 (fem-3; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 1) | 6.61 | 0.07 | 120/121 | −29.98 | <1e-8 |
| | JTL670 (fem-3; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 2) | 7.77 | 0.09 | 120/120 | −17.69 | <1e-8 |
| | JTL670 (fem-3; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 3) | 7.92 | 0.11 | 119/120 | −16.10 | <1e-8 |
| | JTL670 (fem-3; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 4) | 8.45 | 0.13 | 116/120 | −10.49 | 1.30E-05 |

| Trial (with Carbenicillin) | Strain, treatment | Median Lifespan (days of adulthood) | S.E. | Observed/ total | % lifespan change | p-value (log rank) |
|---|---|---|---|---|---|---|
| #2, 25 °C | JTL623 (glp-1; eft-3p::tir1), control | 20.34 | 0.30 | 118/120 | | |
| | JTL623 (glp-1; eft-3p::tir1), 1 mM auxin (Day 1) | 20.72 | 0.53 | 61/61 | 1.87 | 8.92E-02 |
| | JTL667 (glp-1; eft-3p::tir1; hsf-1::degron), control | 19.33 | 0.36 | 115/119 | | |
| | JTL667 (glp-1; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 1) | 6.87 | 0.05 | 120/120 | −64.46 | <1e-8 |
| #3, 25 °C | JTL667 (glp-1; eft-3p::tir1; hsf-1::degron), control | 18.87 | 0.23 | 97/100 | | |
| | JTL667 (glp-1; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 1) | 7.28 | 0.06 | 151/151 | −61.42 | <1e-8 |
| | JTL667 (glp-1; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 4) | 12.05 | 0.16 | 147/150 | −36.14 | <1e-8 |
| | JTL667 (glp-1; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 6) | 14.89 | 0.18 | 147/150 | −21.09 | <1e-8 |
| | JTL667 (glp-1; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 8) | 17.36 | 0.19 | 100/100 | −8.00 | 4.90E-07 |

TABLE 2 (*Continued*) A correction has been made to the section Results.

| Trial (with Carbenicillin) | Strain, treatment | Median Lifespan (days of adulthood) | S.E. | Observed/ total | % lifespan change | *p*-value (log rank) |
|---|---|---|---|---|---|---|
| #2, 25 °C | JTL624 (fem-3; eft-3p::tir1), control | 9.16 | 0.17 | 121/121 | | |
| | JTL624 (fem-3; eft-3p::tir1), 1 mM auxin (Day 1) | 9.75 | 0.13 | 120/120 | 6.44 | 3.82E-02 |
| | JTL670 (fem-3; eft-3p::tir1; hsf-1::degron), control | 9.66 | 0.18 | 120/120 | | |
| | JTL670 (fem-3; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 1) | 6.33 | 0.05 | 119/120 | −34.47 | <1e-8 |

| Trial (without antibiotic) | Strain, treatment | Median lifespan (days of adulthood) | S.E. | Observed/ total | % lifespan change | *p*-value (log rank) |
|---|---|---|---|---|---|---|
| #4, 20 °C | JTL618 (daf-2; eft-3p::tir1), control | 32.92 | 1.57 | 84/99 | | |
| | JTL618 (daf-2; eft-3p::tir1), 1 mM auxin (Day 1) | 33.69 | 1.48 | 87/100 | 2.34 | 6.39E-01 |
| | JTL641 (daf-2; eft-3p::tir1; hsf-1::degron), control | 31.93 | 1.65 | 82/101 | | |
| | JTL641 (daf-2; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 5) | 20.85 | 0.79 | 94/100 | −34.70 | <1e-8 |
| | JTL641 (daf-2; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 7) | 25.47 | 0.79 | 98/100 | −20.23 | 3.60E-08 |

| Trial (with Carbenicillin) | Strain, treatment | Median lifespan (days of adulthood) | S.E. | Observed/ total | % lifespan change | *p*-value (log rank) |
|---|---|---|---|---|---|---|
| #5, 20 °C | JTL618 (daf-2; eft-3p::tir1), control | 42.18 | 1.31 | 112/150 | | |
| | JTL618 (daf-2; eft-3p::tir1), 1 mM auxin (Day 1) | 43.41 | 1.25 | 100/150 | 2.92 | 8.10E-01 |
| | JTL641 (daf-2; eft-3p::tir1; hsf-1::degron), control | 40.88 | 1.14 | 98/150 | | |
| | JTL641 (daf-2; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 7) | 27.07 | 0.67 | 93/150 | −33.78 | <1e-8 |
| | JTL641 (daf-2; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 11) | 29.85 | 0.48 | 142/151 | −26.98 | <1e-8 |
| | JTL641 (daf-2; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 15) | 32.59 | 0.55 | 121/126 | −20.28 | <1e-8 |
| | JTL641 (daf-2; eft-3p::tir1; hsf-1::degron), 1 mM auxin (Day 19) | 39.22 | 0.52 | 116/119 | −4.06 | 1.10E-07 |