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| **TABLE S1. Plasmids and primers used for this study** |
| **PLASMID** | **DESCRIPTION** | **PRIMERS (5'-3')** |
| pKF1 | *cut-5p::dex-1* | pMH7\_Left - ATGCGCAATAGGCATGCC |
|  |  | pmH7\_Right - GTCGACCTGCAGGCATG |
|  |  | cut-5p\_Left - TTGCATGCCTGCAGGTCGAaagacgagccaattgg |
|  |  | cut-5p\_Right - GAAGGGCATGCCTATTGCGCATgaacaaaatctgga |
| pKF3 | *dex-1p(5.7kb*Δ*)::gfp* | IRS\_left - CATTTAGCTTTCTCCGTC |
|  |  | IRS\_Right - ATGACAACGAAAAACCAC |
| pKF5 | *cut-6p::dex-1* | pMH7\_Left - ATGCGCAATAGGCATGCCC |
|  |  | pMH7\_Right - GTCGACCTGCAGGCATGC |
|  |  | cut-6p\_Left - CCTGCAGGTCGACcccgaccaattgttatcagtaggag |
|  |  | cut-6p\_right - GCATGCCTATTGCGCATctcatttcgcagaagaggcga |
| pJC15 | *dex-1p::dex-1(ecto)::sfgfp* | see Cohen *et al.*, accompanying manuscript |
| pJC24 | *dex-1p::sfgfp::dex-1* | see Cohen *et al.*, accompanying manuscript |
| pMH7 | *dex-1p::dex-1* | see Heiman and Shaham, 2009 |
| pMH8 | *pha-4p::dex-1* | see Heiman and Shaham, 2009 |
| pMH111 | *dex-1p(5.7kb)::gfp* | a gift of Dr. Maxwell Heiman |
| pMH125 | *dex-1p(2.1kb)::gfp*  | a gift of Dr. Maxwell Heiman |
| pTG96\_2 | *sur-5p::gfp* | a gift of Dr. Trent Gu (Gu *et al.* 1998) |