



Supplemental Material to:

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**Depletion of L-arginine induces autophagy
as a cytoprotective response to endoplasmic reticulum
stress in human T lymphocytes**

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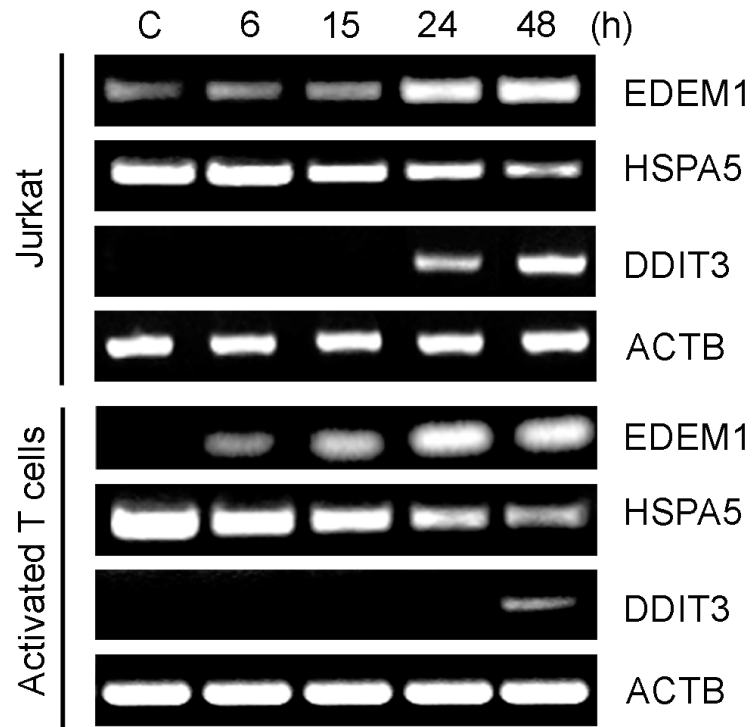


Figure S1. Semiquantitative RT-PCR of ER stress markers in Jurkat cells and peripheral blood mitogen-activated T cells following L-Arg depletion. Jurkat and peripheral blood mitogen-activated T cells were incubated with (C) or without L-Arg for the indicated times, and then total RNA was isolated and subjected to semiquantitative RT-PCR using specific primers for the following UPR genes: *EDEM1* (ER degradation-enhancing alpha-mannosidase-like 1), 300 bp; *HSPA5* (heat shock 70 kDa protein 5), 306 bp; *DDIT3* (DNA damage-inducible transcript 3), 357 bp. *ACTB* was used as a loading control. Data shown are representative of 3 experiments performed.