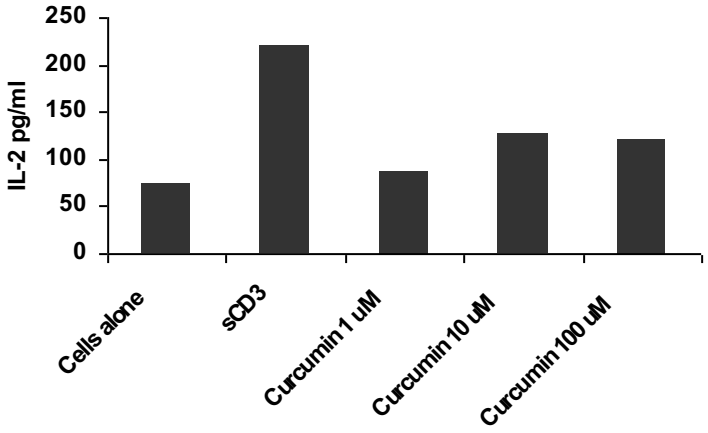
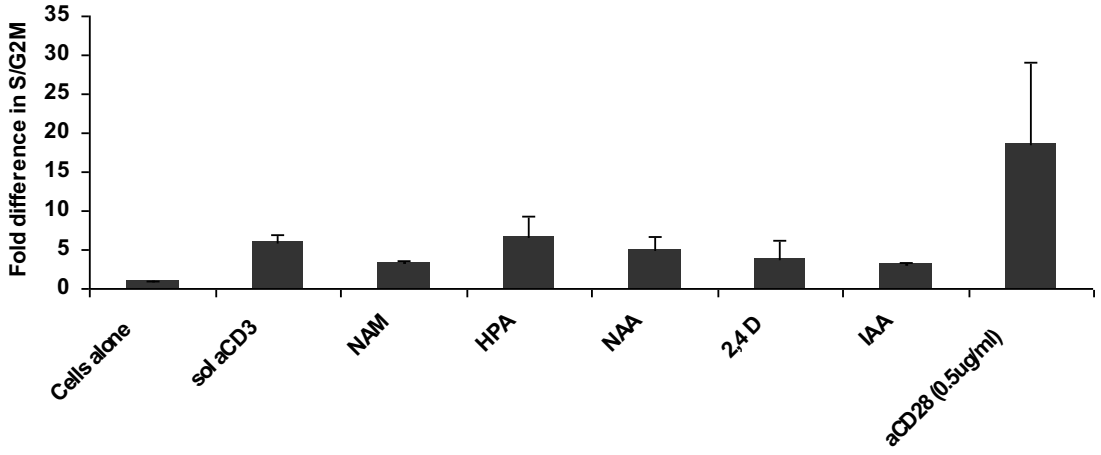
SUPPLEMENTARY FIGURES



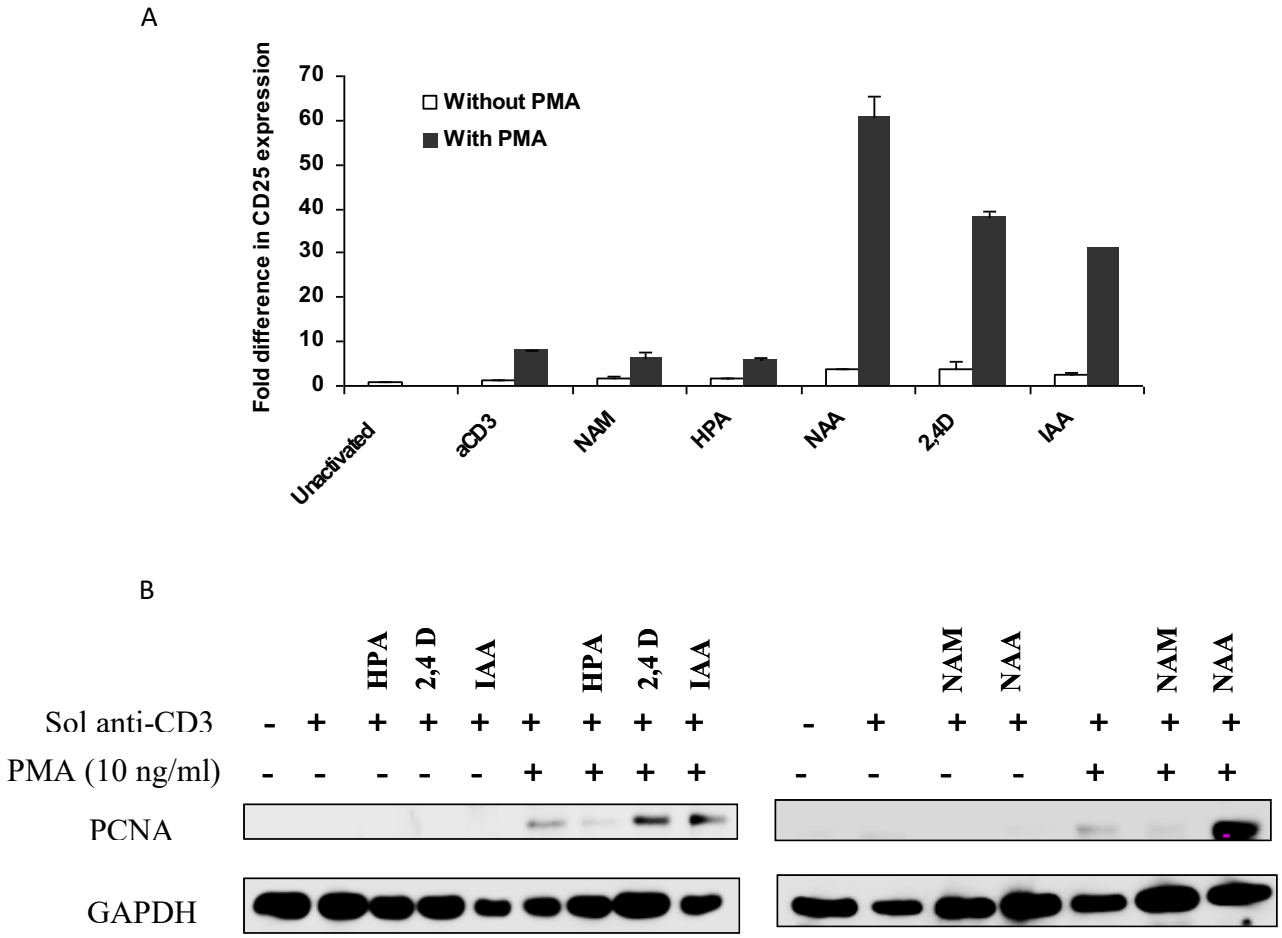
Supplementary Figure 1: Curcumin decreases IL-2 levels. $CD4^+$ T cells were activated with sol aCD3 in the presence or absence of different concentrations of curcumin. IL-2 levels were measured in culture supernatants after 24 h by ELISA. Unactivated cells were used as controls.

Supplementary Figure 1

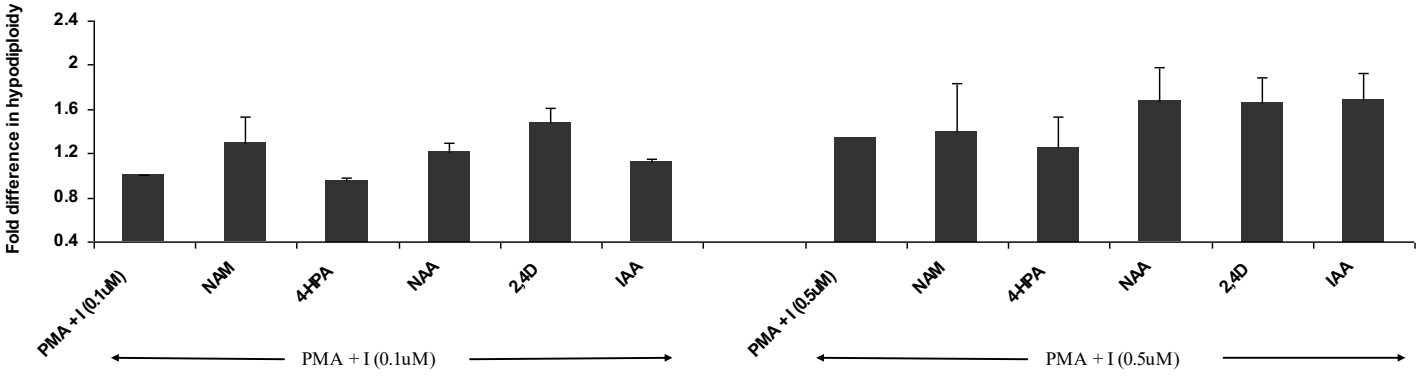


Supplementary Figure 2: Cell cycle analysis of $CD4^+$ T cells activated with sol aCD3 and plant growth regulators. $CD4^+$ T cells were activated with sol aCD3 in the absence or presence of 500 µM of NAA, 2,4D, IAA and 0.5 µg/ml anti-CD28. Cell cycle analysis was performed at 48 h post activation. Fold differences in percentage of S/G2M cells were calculated with respect to unactivated cells, the value for which was taken as unity. Data shown is mean +/- SE from 3 independent experiments.

Supplementary Figure 2



Supplementary Figure 3: Addition of PMA enhances CD25 expression and PCNA amounts in $CD4^+$ T cells activated with sol aCD3 and auxins. (A) 500 µM of NAA, NAM, 2,4D, HPA and IAA were added or not to $CD4^+$ T cells activated with sol aCD3 in the presence or absence of 10 ng/ml PMA. Expression of CD25 was studied after 36 h by flow cytometry. Fold differences in MFI under all activation conditions were calculated with respect to unactivated cells, the MFI value for which was taken as unity. Data shown is mean +/- SD from two independent experiments. (B) Also, under similar activation conditions, cell lysates were prepared after 24 h and levels of PCNA were studied by western blotting. GAPDH was used as a loading control. Data shown is representative of two independent experiments.



Supplementary Figure 4: Effect of plant growth regulators on T cell cycling upon activation with PMA and I. $CD4^+$ T cell were activated with 10 ng/ml PMA + 0.1 or 0.5 μM I in the absence or presence of 500 μM of the indicated compounds and cell cycle analysis was performed after 48 h. Fold differences in percentage of hypodiploid cells under different activation conditions were calculated with respect to cells activated with PMA + 0.1 μM I the value for which was taken as unity. Data shown is mean +/- SE from three independent experiments.

Supplementary Figure 4