

## Figure S1

### Gal-1

MACGLVASNLNLKPGECLKVRGEVASDAKSFVLNLGKDSNNLCLHFNPRFNAHGDANTIVCNTKEDGTWGTEHREPAFPFQPGSITEVCITF  
DQADLTIKLPDGHEFKFPNRLNMEAINYMAADGDFKIKCVAFE

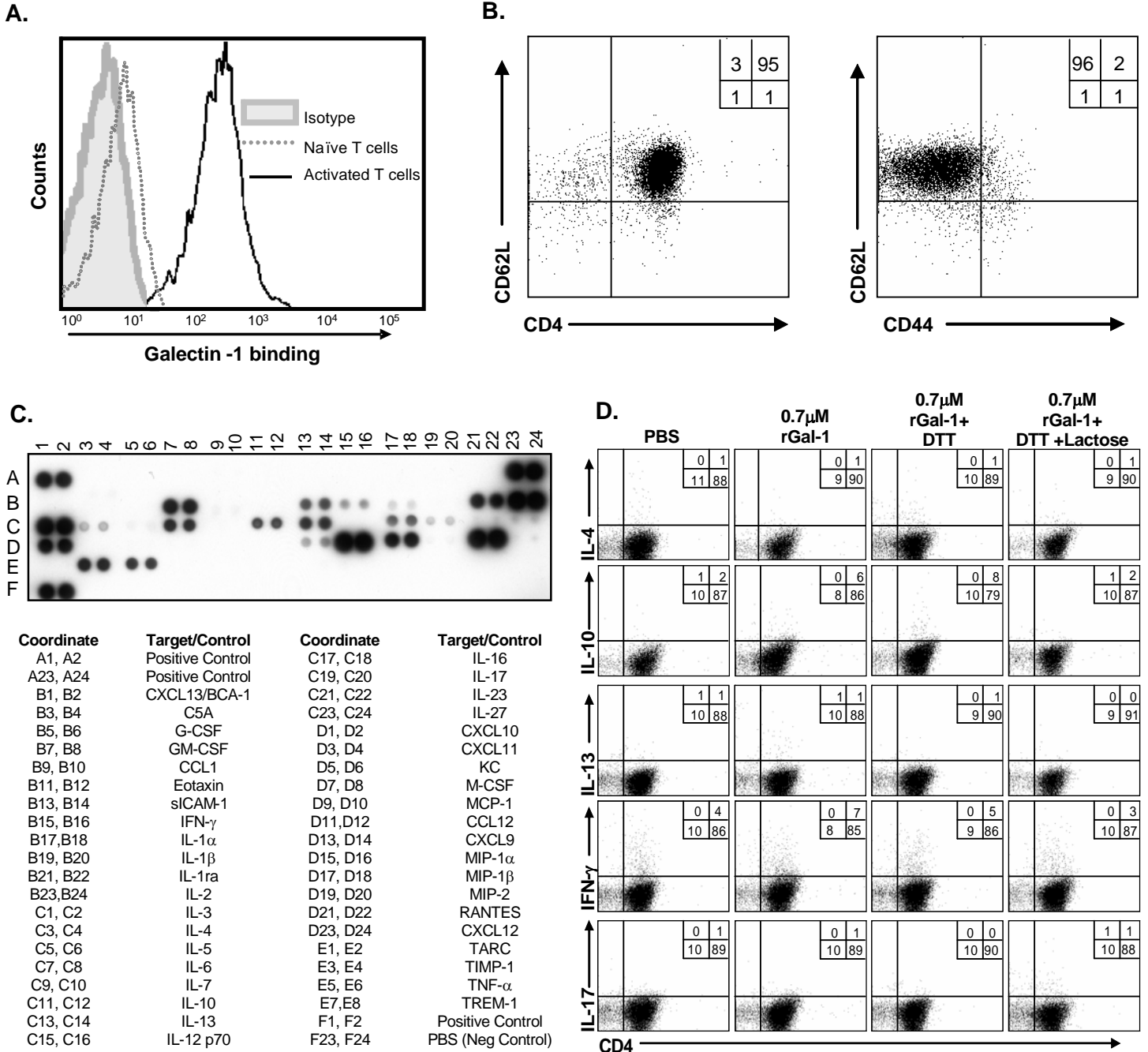
### mGal-1

MACGLVASNLNLKPGECLKVRGEVASDAKSFVLNLGKDSNNLCLHFNPRFNAHGDANTIVCNTKEDGT**G**GTEHREPAFPFQPGSITEVCITF  
DQADLTIKLPDGHEFKFPNRLNMEAINYMAADGDFKIKCVAFE

### dmGal-1

MACGLVASNLNLKPGECLKVRGEVASDAKSFVLNLGKDSNNLCL**L**FNPRFNAHGDANTIVCNTKEDGT**G**GTEHREPAFPFQPGSITEVCITF  
DQADLTIKLPDGHEFKFPNRLNMEAINYMAADGDFKIKCVAFE

**Figure S2A-D**



**Figure S3**

