

Figure 7–figure supplement 1

To Figure 7 panel B, left column

| Condition | Comparison | Pattern | -40 | -20 | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 180 | 300 | 420 |
|----------------------------|-----------------------|-------------|-----|------|---------------|----------------|----------------|----------------|---------------|---------------|---------------|-------|-----|------|
| SLP-76, anti-B7 | SLP-76, full stimulus | any central | | | 0.01 | 0.005 0.005 | 0.000 0.02 | 0.000 0.005 | 0.000 | 0.000 | 0.001 | 0.002 | | 0.01 |
| SLP-76, Itk ko, full stim. | SLP-76, full stimulus | any central | | 0.05 | 0.000 | 0.001 0.002 | 0.000 0.002 | 0.003 0.003 | 0.000 0.04 | 0.000 0.04 | 0.000 0.05 | 0.006 | | |
| SLP-76, Itk ko, anti-B7 | SLP-76, full stimulus | any central | | | 0.03 0.000 | 0.003 0.006 | 0.001 | 0.001 | 0.008 | 0.003 0.04 | | | | |

To Figure 7 panel B, middle and right columns

SLP-76 V3

| Condition | Comparison | Pattern | -40 | -20 | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 180 | 300 | 420 |
|--|-------------------------------|-------------|------|---------------|----------------|-------|---------------|-------|-------|---------------|-------|-------|-------|-------|
| Restoration to SLP-76 full stimulus | | | | | | | | | | | | | | |
| SLP-76 V3, full stimulus | SLP-76, full stimulus | any central | | 0.04 | | 0.03 | | | | | | | | |
| SLP-76 V3, Itk ko, full stimulus | SLP-76, full stimulus | any central | 0.01 | 0.000 0.03 | 0.01 0.03 | 0.04 | 0.02 | | | | 0.05 | | 0.03 | 0.003 |
| SLP-76 V3, anti-B7 | SLP-76, full stimulus | any central | | | | | | | 0.000 | 0.000 0.05 | 0.000 | 0.005 | | |
| SLP-76 V3, Itk ko anti-B7 | SLP-76, full stimulus | any central | | | 0.02 | | 0.03 0.04 | 0.05 | 0.000 | 0.001 | | 0.02 | | |
| Enhancement under matched stimuli | | | | | | | | | | | | | | |
| SLP-76 V3, Itk ko, full stimulus | SLP-76, Itk ko, full stimulus | any central | | 0.000 | 0.000 | 0.000 | 0.000 0.05 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.000 |
| SLP-76 V3, anti-B7 | SLP-76, anti-B7 | any central | | | 0.008 0.002 | 0.008 | 0.005 0.03 | | | | 0.02 | | | |
| SLP-76 V3, Itk ko anti-B7 | SLP-76, Itk ko, anti-B7 | any central | 0.05 | | | 0.03 | 0.004 | | | | | | | |

SLP-76 Vav

| Condition | Comparison | Pattern | -40 | -20 | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 180 | 300 | 420 |
|--|-------------------------------|-------------|------|--------------|----------------|----------------|---------------|-------|---------------|--------------|-------|-------|------|------|
| Restoration to SLP-76 full stimulus | | | | | | | | | | | | | | |
| SLP-76 Vav, full stimulus | SLP-76, full stimulus | any central | | | | | | | | | | | | |
| SLP-76 Vav, Itk ko, full stimulus | SLP-76, full stimulus | any central | | 0.03 0.02 | | | 0.04 | 0.03 | 0.01 0.006 | 0.02 0.05 | | | | |
| SLP-76 Vav, anti-B7 | SLP-76, full stimulus | any central | | | 0.01 0.04 | 0.006 | 0.04 | 0.003 | 0.000 | 0.000 | 0.001 | 0.000 | | 0.03 |
| SLP-76 Vav, Itk ko anti-B7 | SLP-76, full stimulus | any central | | 0.03 0.02 | | | 0.04 | 0.03 | 0.01 0.006 | 0.02 0.05 | | | | |
| Enhancement under matched stimuli | | | | | | | | | | | | | | |
| SLP-76 Vav, Itk ko, full stimulus | SLP-76, Itk ko, full stimulus | any central | | | 0.003 | | 0.02 0.007 | 0.03 | 0.006 | 0.004 | 0.04 | | 0.02 | |
| SLP-76 Vav, anti-B7 | SLP-76, anti-B7 | any central | | | 0.000 0.000 | 0.001 0.000 | 0.02 | 0.01 | | | | | | |
| SLP-76 Vav, Itk ko anti-B7 | SLP-76, Itk ko, anti-B7 | any central | 0.05 | | 0.007 0.02 | 0.02 0.02 | 0.03 | 0.01 | | | 0.05 | | | |