

Description of Additional Supplementary Files

Supplementary Movies: Representative DIC images of CL4 TILs interacting with Renca target cells in the Page 6 of 17 legends for these must be given in the column to the right. presence of 2µg/ml HA agonist peptide are shown. 20 s intervals in movie acquisition are played back as 2 frames per second.

File Name: Supplementary Movie 1

Description: Cell coupling occurs in frame 3 (2s indicated movie time). Off interface lamella occur on the top of the interface.

File Name: Supplementary Movie 2

Description: Cell coupling occurs in frame 7 (4s indicated movie time). Off interface lamella occur on the bottom of the interface.

File Name: Supplementary Movie 3

Description: Cell coupling occurs in frame 5 (3s indicated movie time). A translocation is shown.

File Name: Supplementary Movie 4

Description: Cell coupling occurs in frame 5 (2s indicated movie time). A translocation is shown.

File Name: Supplementary Data 1

Description: Source data for Fig. 2 are given with different tabs for different figure panels.

File Name: Supplementary Data 2

Description: Source data for Fig. 3 are given with different tabs for different figure panels.

File Name: Supplementary Data 3

Description: Source data for Fig. 4 are given with different tabs for different figure panels.

File Name: Supplementary Data 4

Description: Source data for Fig. 5 are given with different tabs for different figure panels.

File Name: Supplementary Data 5

Description: Source data for Fig. 6 are given with different tabs for different figure panels.

File Name: Supplementary Data 6

Description: Source data for Fig. 7 except for the calcium data in panel e are given with different tabs for different figure panels.

File Name: Supplementary Data 7

Description: Source data for Fig. 7e are given.