



Supplemental Figure 1 (a) CD8⁺ T effector cells stimulated by FDC/sp are Qa-1-restricted. CD8⁺ T-cell lines were generated either by priming the CD8⁺ T cells from the WT mice with the FDC/sp from the Qa-1 KO mice, or by priming the CD8⁺ T cells from the Qa-1/KO mice with the FDC/sp from the WT mice. The cell functions were tested and compared for the specific inhibition of the target cells loaded with Hsp60sp. CD8⁺ T-cell lines were generated by priming the CD8⁺ T cells from WT mice and the FDC/sp from the WT mice served as a control. The assay was performed as described in the section on 'Materials and methods'. The data are representative of three independent experiments. (b) The representative FACS plots show that CD8⁺ T cells inhibit GFP cells loaded with Hsp60sp but not Qdm. DC/sp, Hsp60sp-loaded immature dendritic cells; FACS, fluorescence-activated cell sorting; FDC/sp, fixed Hsp60sp-loaded immature dendritic cells; GFP, green fluorescent protein; KO, knockout; WT, wild-type.

Supplemental Table 1 A summary of representative lysis assays

<i>Group</i>	<i>E/T ratio</i>			
	<i>0:1</i>	<i>0.02:1</i>	<i>0.2:1</i>	<i>1:1</i>
Target/internal (GFP/BWR)				
Qdm	1.37	1.35	1.28	1.26
Hsp60sp	1.27	1.16	1.01	0.76
% of killing				
Qdm	0	1.5	6.6	8.0
Hsp60sp	0	8.0	20.5	40.2

Abbreviation: GFP, green fluorescent protein.

The percentage of killing was calculated as described in the section on 'Materials and methods'.