Fig. 1

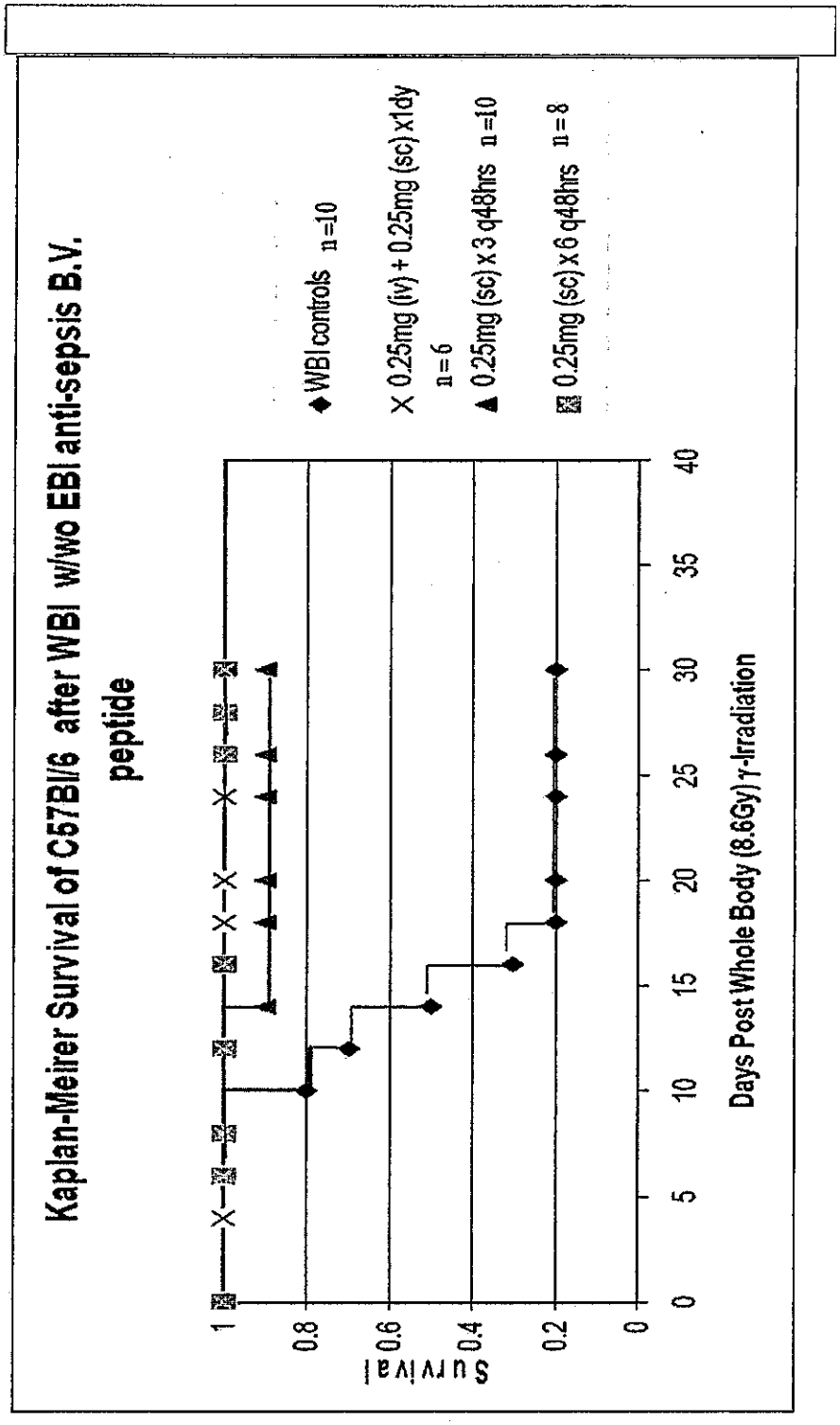
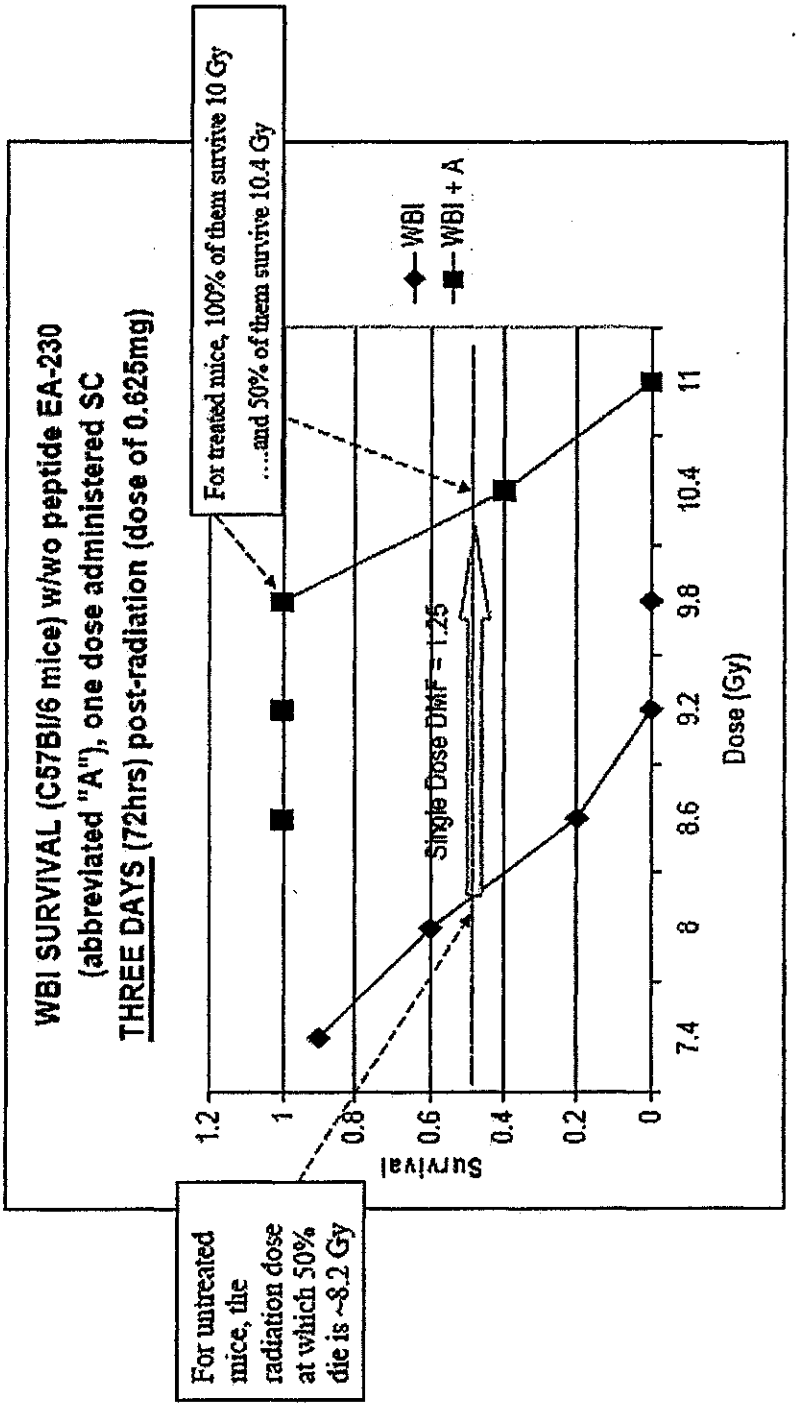

Kaplan-Meirer Survival of C57Bl/6 after WBI w/wo EBI anti-sepsis B.V.
peptide
WBI controls n=10
0.25mg (iv) + 0.25mg (sc) x1dy n=6
0.25mg (sc) x 3 q48hrs n=10
0.25mg (sc) x 6 q48hrs n=8
Survival
0
0.2
0.4
0.6
0.8
1
0
5
10
15
20
25
30
35
40
Days Post Whole Body (8.6Gy) γ-Irradiation

Fig. 2


WBI SURVIVAL (C57Bl/6 mice) w/wo peptide EA-230
(abbreviated "A"), one dose administered SC
THREE DAYS (72hrs) post-radiation (dose of 0.625mg)
For treated mice, 100% of them survive 10 Gy
....and 50% of them survive 10.4 Gy
For untreated mice, the radiation dose at which 50% die is ~8.2 Gy
WBI
WBI + A
Single Dose DMF = 1.25
Survival
Dose (Gy)
1.2
1
0.8
0.6
0.4
0.2
0
7.4
8
8.6
9.2
9.8
10.4
11

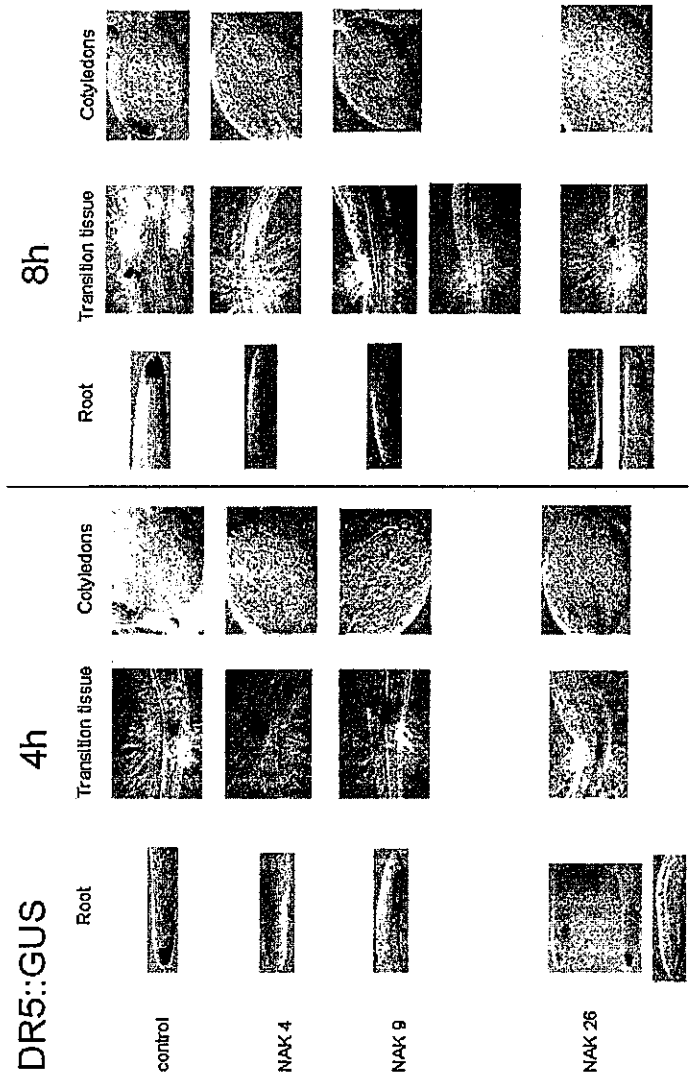

DR5::GUS
4h
8h
Root
Transition tissue
Cotyledons
control
NAK 4
NAK 9
NAK 26

Fig. 3

Fig. 4

αCD3 proliferatie

=P<0.05
=P0.08<0.06

T=12

groep	mg/kg i.p.	CCPM			AVG	SEM	p-value
PBS		413	766	591	590	101.9	
NAK-4	0.5	305	372	288	321.7	25.6	0.11
	5	449	616	492	519.0	50.1	0.58
NAK-46	0.5	154	465	444	354.3	100.4	0.17
	5	787	1760	1327	1291.3	281.5	0.12
NAK-47	0.5	148	273	378	266.3	66.5	
	5	169	375	523	355.7	102.7	0.18
NAK-46*	0.5	299	60	105	154.7	73.3	0.03
	5	389	87	604	360.0	150.0	0.28

T=24

groep	mg/kg i.p.	CCPM			AVG	SEM	p-value
PBS		7114	9395	9287	8598.7	743.0	
NAK-4	0.5	2359	1904	2244	2169.0	136.6	0.01
	5	3017	3289	4143	3483.0	339.2	0.01
NAK-46	0.5	2552	4275	3367	3398.0	497.6	0.01
	5	4372	6860	8791	6674.3	1279.1	0.28
NAK-47	0.5	181	2586	3199	1988.7	921.0	0.01
	5	1554	2631	3518	2567.7	567.9	0.00
NAK-46*	0.5	1297	1306	162	921.7	379.9	0.00
	5	4527	72	2823	2474.0	1297.9	0.02

T=36

groep	mg/kg i.p.	CCPM			AVG	SEM	p-value
PBS		40051	56075	61125	52417.0	6352.7	
NAK-4	0.5	23826	23624	20520	22656.7	1070.0	0.04
	5	20352	25311	34935	26866.0	4281.1	0.04
NAK-46	0.5	22921	26487	39461	29623.0	5025.7	0.05
	5	33409	58790	43895	45364.7	7363.8	0.51
NAK-47	0.5	8888	20833	25977	18566.0	5061.9	0.02
	5	15397	22297	23183	20292.3	2461.1	0.02
NAK-46*	0.5	3751	2583	4191	3508.3	479.8	0.02
	5	29886	18485	33944	27438.3	4627.5	0.04

T=48

groep	mg/kg i.p.	CCPM			AVG	SEM	p-value
PBS		30814	45218	41992	39341.3	4364.3	
NAK-4	0.5	24325	21071	15146	20180.7	2687.0	0.03
	5	22413	24013	20795	22407.0	929.0	0.05
NAK-46	0.5	21410	29916	27099	26141.7	2501.8	
	5	65312	58347	55436	59698.3	2930.0	0.02
NAK-47	0.5	10160	21079	20152	17130.3	3495.5	0.02
	5	11253	20791	17370	16471.3	2789.9	0.02
NAK-46*	0.5	3091	1174	2821	2362.0	599.1	0.01
	5	25844	16048	21713	21201.7	2839.5	0.03