

Treatment		Prion susceptibility [TCIU/ml]				
RA	RML	R2	R5	R7	PD88	PK1
-	+	14 ± 12	12 ± 6	72 ± 14	385 ± 148	613 ± 105
+	+	375 ± 170	96 ± 66	552 ± 266	758 ± 139	122 ± 92
+	-	7 ± 3	20 ± 11	9 ± 6	15 ± 7	7 ± 3
-	-	7 ± 4	6 ± 2	9 ± 7	8 ± 3	15 ± 12

Supplementary Table S4: A retinoic acid-induced phenotypic switch from prion-resistant revertants to susceptible cells. Eighteen thousand revertant (R2, R5 and R7) and susceptible cells (PD88 and PK1) were cultured for 16 h and incubated with 0.5 μ M RA or vehicle (DMSO) for three days. Cells were split at a ratio of 1:8 and 24 h later challenged with RML mouse prions at a dilution of 10^{-5} (2.2×10^3 i.c. LD₅₀/ml). Prion susceptibility of cells, expressed as TCIU/ml was determined by SCA as specified in Methods.