



**Supplementary Table S1:** Summary of records using the secondary search terms

Search Terms	Databases Searched					
	PubMed	Cochrane	Scopus	PsycINFO	Embase	Web of Science
(Angelman Syndrome) AND (gene therapy *) AND (Brain *)	37	1	37	1	11	34
(MECP2 duplication syndrome OR MDS) AND (gene therapy *) AND (Brain *)	34	6	19	0	8	35
(Tuberous sclerosis OR tuberous sclerosis complex) AND (gene therapy *) AND (Brain *)	98	2	116	0	19	71
Number of article(s) identified	1	0	0	0	0	0

\* Truncation symbol used in the searches ensured that all the different forms of the word were searched.