



13 studies that investigated 14-3-3 $\beta$  (x: included in respective analysis)

Level of certainty of sCJD diagnosis	Studies included	SD (TPR)	SD (FPR)	Corr.	Abu-Rumeileh	Baldeiras	Bizzi	Bongianni	Chohan	Cuadrado-Corrales	Fiorini	Franceschini	Lattanzio	Leitão	Otto	Van Everbroeck	Zerr
Definite sCJD cases	9	0.65	1.30	0.12			x		x	x	x	x	x	x	x	x	
<b>D01 excl. high risk of bias (<math>\geq 2</math> / 3 criteria)</b>																	
Definite, probable, and possible sCJD cases	8	0.29	1.37	0.05			x		x	x	x	x	x		x	x	
Definite and probable sCJD cases	8	0.29	1.37	0.05			x		x	x	x	x	x		x	x	
Definite sCJD cases	8	0.29	1.37	0.08			x		x	x	x	x	x		x	x	
<b>D01 excl. high risk of bias (<math>\geq 1</math> / 3 criteria)</b>																	
Definite, probable, and possible sCJD cases	3	0	0.22	NaN							x	x	x				
Definite and probable sCJD cases	3	0	0.22	NaN							x	x	x				
Definite sCJD cases	3	0.17	0.23	-1.00							x	x	x				
<b>D02 excl. high risk of bias (<math>\geq 1</math> / 2 criteria)</b>																	
Definite, probable, and possible sCJD cases	7	0.24	1.58	0.01			x	x	x	x	x					x	x
Definite and probable sCJD cases	7	0.44	1.58	0.32			x	x	x	x	x					x	x
Definite sCJD cases	7	0.41	1.58	0.34			x	x	x	x	x					x	x
<b>D03 excl. high risk of bias (<math>\geq 1</math> / 2 criteria)</b>																	
Definite, probable, and possible sCJD cases	12	0.62	1.26	0.12	x	x	x	x		x	x	x	x	x	x	x	x
Definite and probable sCJD cases	12	0.69	1.26	0.24	x	x	x	x		x	x	x	x	x	x	x	x
Definite sCJD cases	12	0.72	1.26	0.25	x	x	x	x		x	x	x	x	x	x	x	x
<b>D04 excl. high risk of bias (<math>\geq 3</math> / 4 criteria)</b>																	
Definite, probable, and possible sCJD cases	11	0.80	0.86	0.37	x	x	x	x	x		x	x	x	x	x	x	
Definite and probable sCJD cases	11	0.80	0.86	0.37	x	x	x	x	x		x	x	x	x	x	x	
Definite sCJD cases	11	0.80	0.86	0.30	x	x	x	x	x		x	x	x	x	x	x	
<b>D04 excl. high risk of bias (<math>\geq 2</math> / 4 criteria)</b>																	
Definite, probable, and possible sCJD cases	10	0.76	0.88	0.32	x		x	x	x		x	x	x	x	x	x	
Definite and probable sCJD cases	10	0.76	0.88	0.32	x		x	x	x		x	x	x	x	x	x	
Definite sCJD cases	10	0.76	0.88	0.25	x		x	x	x		x	x	x	x	x	x	
<b>D04 excl. high risk of bias (<math>\geq 1</math> / 4 criteria)</b>																	
Definite, probable, and possible sCJD cases	6	0.66	0.53	-0.08	x		x	x			x	x		x			
Definite and probable sCJD cases	6	0.66	0.53	-0.08	x		x	x			x	x		x			
Definite sCJD cases	6	0.70	0.53	-0.01	x		x	x			x	x		x			

Level of certainty of sCJD diagnosis	Studies included	13 studies that investigated 14-3-3 $\beta$ (*: included in respective analysis)														
		SD (TPR)	SD (FPR)	Corr.	Abu-Rumeileh	Baldeiras	Bizzi	Bongianni	Chohan	Cuadrado-Corrales	Fiorini	Franceschini	Lattanzio	Leitão	Otto	Van Everbroeck
<b>D05 excl. poor applicability (<math>\geq 1</math> / 3 criteria)</b>																
Definite, probable, and possible sCJD cases	10	0.19	1.14	0.95	x	x		x		x	x	x		x	x	x
Definite and probable sCJD cases	10	0.39	1.15	0.70	x	x		x		x	x	x		x	x	x
Definite sCJD cases	10	0.47	1.14	0.70	x	x		x		x	x	x		x	x	x
<b>Disease duration not reported</b>																
Definite, probable, and possible sCJD cases	5	0.14	1.61	-1.00			x		x	x				x		x
Definite and probable sCJD cases	5	0.23	1.60	-0.29			x		x	x				x		x
Definite sCJD cases	5	0.22	1.61	-0.24			x		x	x				x		x
<b>Disease duration reported</b>																
Definite, probable, and possible sCJD cases	7	0.82	0.78	0.94	x	x		x			x	x	x		x	
Definite and probable sCJD cases	7	0.82	0.78	0.94	x	x		x			x	x	x		x	
Definite sCJD cases	7	0.92	0.77	0.89	x	x		x			x	x	x		x	
<b>K01 excl. high risk of bias</b>																
Definite, probable, and possible sCJD cases	7	0.41	1.06	0.29			x		x		x	x	x	x	x	
Definite and probable sCJD cases	7	0.40	1.06	0.29			x		x		x	x	x	x	x	
Definite sCJD cases	7	0.34	1.07	0.12			x		x		x	x	x	x	x	
<b>K01 excl. high/unclear risk of bias</b>																
Definite, probable, and possible sCJD cases	5	0.24	0.71	-1.00			x		x		x	x	x			
Definite and probable sCJD cases	5	0.24	0.71	-1.00			x		x		x	x	x			
Definite sCJD cases	5	0.24	0.70	-1.00			x		x		x	x	x			
<b>K02 excl. high risk of bias</b>																
Definite, probable, and possible sCJD cases	6	0.18	1.26	0.96					x	x	x	x	x		x	
Definite and probable sCJD cases	6	0.17	1.26	1.00					x	x	x	x	x		x	
Definite sCJD cases	6	0.27	1.26	1.00					x	x	x	x	x		x	
<b>K02 excl. high/unclear risk of bias</b>																
Definite, probable, and possible sCJD cases	3	0	0.22	NaN							x	x	x			
Definite and probable sCJD cases	3	0	0.22	NaN							x	x	x			
Definite sCJD cases	3	0.17	0.23	-1.00							x	x	x			
<b>K03 excl. high risk of bias</b>																

13 studies that investigated 14-3-3 $\beta$  (x: included in respective analysis)

Level of certainty of sCJD diagnosis	Studies included	SD (TPR)	SD (FPR)	Corr.	Abu-Rumeileh	Baldeiras	Bizzi	Bongianni	Chohan	Cuadrado-Corrales	Fiorini	Franceschini	Lattanzio	Leitão	Otto	Van Everbroeck	Zerr
Definite, probable, and possible sCJD cases	7	0.44	1.34	-0.25			x			x	x	x	x	x	x		
Definite and probable sCJD cases	7	0.43	1.34	-0.25			x			x	x	x	x	x	x		
Definite sCJD cases	7	0.45	1.34	-0.22			x			x	x	x	x	x	x		
<b>K03 excl. high/unclear risk of bias</b>																	
Definite, probable, and possible sCJD cases	5	0.25	1.54	-0.52			x			x		x	x		x		
Definite and probable sCJD cases	5	0.24	1.54	-0.54			x			x		x	x		x		
Definite sCJD cases	5	0.23	1.54	-0.59			x			x		x	x		x		
<b>K04 excl. high risk of bias</b>																	
Definite, probable, and possible sCJD cases	10	0.79	1.34	0.10	x	x	x	x	x	x	x			x		x	x
Definite and probable sCJD cases	10	0.84	1.34	0.21	x	x	x	x	x	x	x			x		x	x
Definite sCJD cases	10	0.83	1.34	0.22	x	x	x	x	x	x	x			x		x	x
<b>K04 excl. high/unclear risk of bias</b>																	
Definite, probable, and possible sCJD cases	4	0	1.21	NaN				x	x	x							x
Definite and probable sCJD cases	4	0.21	1.22	1.00				x	x	x							x
Definite sCJD cases	4	0.26	1.19	1.00				x	x	x							x
<b>K05 excl. high risk of bias</b>																	
Definite, probable, and possible sCJD cases	10	0.25	1.36	0.10			x	x	x	x	x	x	x		x	x	x
Definite and probable sCJD cases	10	0.36	1.36	0.33			x	x	x	x	x	x	x		x	x	x
Definite sCJD cases	10	0.37	1.36	0.33			x	x	x	x	x	x	x		x	x	x
<b>K05 excl. high/unclear risk of bias</b>																	
Definite, probable, and possible sCJD cases	10	0.25	1.36	0.10			x	x	x	x	x	x	x		x	x	x
Definite and probable sCJD cases	10	0.36	1.36	0.33			x	x	x	x	x	x	x		x	x	x
Definite sCJD cases	10	0.37	1.36	0.33			x	x	x	x	x	x	x		x	x	x
<b>K07 excl. high risk of bias</b>																	
Definite, probable, and possible sCJD cases	12	0.62	1.26	0.12	x	x	x	x		x	x	x	x	x	x	x	x
Definite and probable sCJD cases	12	0.69	1.26	0.24	x	x	x	x		x	x	x	x	x	x	x	x
Definite sCJD cases	12	0.72	1.26	0.25	x	x	x	x		x	x	x	x	x	x	x	x
<b>K07 excl. high/unclear risk of bias</b>																	
Definite, probable, and possible sCJD cases	5	0.09	1.18	1.00				x		x		x	x		x		

13 studies that investigated 14-3-3 $\beta$  (x: included in respective analysis)

Level of certainty of sCJD diagnosis	Studies included	SD (TPR)	SD (FPR)	Corr.	Abu-Rumeileh	Baldeiras	Bizzi	Bongianni	Chohan	Cuadrado-Corrales	Fiorini	Franceschini	Lattanzio	Leitão	Otto	Van Everbroeck	Zerr
Definite and probable sCJD cases	5	0.09	1.18	1.00				x		x		x	x		x		
Definite sCJD cases	5	0.12	1.17	1.00				x		x		x	x		x		
<b>K08 excl. high risk of bias</b>																	
Definite, probable, and possible sCJD cases	11	0.80	0.86	0.37	x	x	x	x	x		x	x	x	x	x	x	
Definite and probable sCJD cases	11	0.80	0.86	0.37	x	x	x	x	x		x	x	x	x	x	x	
Definite sCJD cases	11	0.80	0.86	0.30	x	x	x	x	x		x	x	x	x	x	x	
<b>K08 excl. high/unclear risk of bias</b>																	
Definite, probable, and possible sCJD cases	1							x									
Definite and probable sCJD cases	1							x									
Definite sCJD cases	1							x									
<b>K09 excl. high risk of bias</b>																	
Definite, probable, and possible sCJD cases	9	0.84	0.94	0.34	x		x	x	x		x	x		x	x	x	
Definite and probable sCJD cases	9	0.84	0.94	0.34	x		x	x	x		x	x		x	x	x	
Definite sCJD cases	9	0.83	0.94	0.26	x		x	x	x		x	x		x	x	x	
<b>K09 excl. high/unclear risk of bias</b>																	
Definite, probable, and possible sCJD cases	9	0.84	0.94	0.34	x		x	x	x		x	x		x	x	x	
Definite and probable sCJD cases	9	0.84	0.94	0.34	x		x	x	x		x	x		x	x	x	
Definite sCJD cases	9	0.83	0.94	0.26	x		x	x	x		x	x		x	x	x	
<b>K10 excl. high risk of bias</b>																	
Definite, probable, and possible sCJD cases	7	0.53	0.49	-0.28	x		x	x			x	x	x	x			
Definite and probable sCJD cases	7	0.53	0.49	-0.28	x		x	x			x	x	x	x			
Definite sCJD cases	7	0.61	0.49	-0.21	x		x	x			x	x	x	x			
<b>K10 excl. high/unclear risk of bias</b>																	
Definite, probable, and possible sCJD cases	7	0.53	0.49	-0.28	x		x	x			x	x	x	x			
Definite and probable sCJD cases	7	0.53	0.49	-0.28	x		x	x			x	x	x	x			
Definite sCJD cases	7	0.61	0.49	-0.21	x		x	x			x	x	x	x			
<b>K11 excl. high/unclear risk of bias</b>																	
Definite, probable, and possible sCJD cases	11	0.60	1.05	0.20	x		x	x	x		x	x	x	x	x	x	x
Definite and probable sCJD cases	11	0.70	1.05	0.39	x		x	x	x		x	x	x	x	x	x	x

13 studies that investigated 14-3-3 $\beta$  (x: included in respective analysis)

Level of certainty of sCJD diagnosis	Studies included	SD (TPR)	SD (FPR)	Corr.	Abu-Rumeileh	Baldeiras	Bizzi	Bongianni	Chohan	Cuadrado-Corrales	Fiorini	Franceschini	Lattanzio	Leitão	Otto	Van Everbroeck	Zerr
Definite sCJD cases	11	0.76	1.05	0.36	x		x	x	x		x	x	x	x	x	x	x
<b>K12 excl. poor applicability</b>																	
Definite, probable, and possible sCJD cases	11	0.33	1.31	0.19	x	x	x	x		x	x	x	x		x	x	x
Definite and probable sCJD cases	11	0.45	1.31	0.36	x	x	x	x		x	x	x	x		x	x	x
Definite sCJD cases	11	0.49	1.30	0.37	x	x	x	x		x	x	x	x		x	x	x
<b>K12 excl. poor/unclear applicability</b>																	
Definite, probable, and possible sCJD cases	9	0.33	1.42	0.16	x		x			x	x	x	x		x	x	x
Definite and probable sCJD cases	9	0.45	1.42	0.34	x		x			x	x	x	x		x	x	x
Definite sCJD cases	9	0.48	1.42	0.39	x		x			x	x	x	x		x	x	x
<b>K13 excl. poor applicability</b>																	
Definite, probable, and possible sCJD cases	12	0.56	1.06	0.25	x	x		x	x	x	x	x	x	x	x	x	x
Definite and probable sCJD cases	12	0.65	1.06	0.36	x	x		x	x	x	x	x	x	x	x	x	x
Definite sCJD cases	12	0.72	1.06	0.33	x	x		x	x	x	x	x	x	x	x	x	x
<b>K13 excl. poor/unclear applicability</b>																	
Definite, probable, and possible sCJD cases	12	0.56	1.06	0.25	x	x		x	x	x	x	x	x	x	x	x	x
Definite and probable sCJD cases	12	0.65	1.06	0.36	x	x		x	x	x	x	x	x	x	x	x	x
Definite sCJD cases	12	0.72	1.06	0.33	x	x		x	x	x	x	x	x	x	x	x	x
<b>Male-to-female ratio &lt;0.75</b>																	
Definite, probable, and possible sCJD cases	3	0.27	0.86	1.00	x										x		x
Definite and probable sCJD cases	3	0.54	0.87	1.00	x										x		x
Definite sCJD cases	3	0.60	0.88	1.00	x										x		x
<b>Male-to-female ratio &gt;1</b>																	
Definite, probable, and possible sCJD cases	2	0.02	0.57	1.00					x		x						
Definite and probable sCJD cases	2	0.02	0.57	1.00					x		x						
Definite sCJD cases	2	0	0.57	NaN					x		x						
<b>Male-to-female ratio 0.75–1</b>																	
Definite, probable, and possible sCJD cases	6	0.26	1.40	-0.34		x	x	x		x		x	x				
Definite and probable sCJD cases	6	0.25	1.40	-0.36		x	x	x		x		x	x				
Definite sCJD cases	6	0.27	1.40	-0.23		x	x	x		x		x	x				

Level of certainty of sCJD diagnosis	Studies included	13 studies that investigated 14-3-3 $\beta$ (*: included in respective analysis)															
		SD (TPR)	SD (FPR)	Corr.	Abu-Rumeileh	Baldeiras	Bizzi	Bongianni	Chohan	Cuadrado-Corrales	Fiorini	Franceschini	Lattanzio	Leitão	Otto	Van Everbroeck	Zerr
Median age >65 years																	
Definite, probable, and possible sCJD cases	10	0.21	1.23	-0.18	x	x	x	x	x	x		x	x		x		x
Definite and probable sCJD cases	10	0.30	1.23	0.10	x	x	x	x	x	x		x	x		x		x
Definite sCJD cases	10	0.32	1.23	0.11	x	x	x	x	x	x		x	x		x		x
Not only 14-3-3 $\beta$ investigated																	
Definite, probable, and possible sCJD cases	10	0.44	0.90	0.34	x	x	x	x	x		x	x	x		x	x	
Definite and probable sCJD cases	10	0.44	0.90	0.34	x	x	x	x	x		x	x	x		x	x	
Definite sCJD cases	10	0.45	0.90	0.25	x	x	x	x	x		x	x	x		x	x	
Only 14-3-3 $\beta$ investigated																	
Definite, probable, and possible sCJD cases	2	0	0.00	NaN						x							x
Definite and probable sCJD cases	2	0.32	0.25	-1.00						x							x
Definite sCJD cases	2	0.30	0.21	-1.00						x							x
RT-QuIC not investigated																	
Definite, probable, and possible sCJD cases	6	0.09	0.84	1.00		x			x	x					x	x	x
Definite and probable sCJD cases	6	0.57	0.85	0.27		x			x	x					x	x	x
Definite sCJD cases	6	0.51	0.84	0.57		x			x	x					x	x	x
Studies <2009																	
Definite, probable, and possible sCJD cases	6	0.09	0.84	1.00		x			x	x					x	x	x
Definite and probable sCJD cases	6	0.57	0.85	0.27		x			x	x					x	x	x
Definite sCJD cases	6	0.51	0.84	0.57		x			x	x					x	x	x
Studies >2009																	
Definite, probable, and possible sCJD cases	6	0.30	0.54	-1.00	x		x	x			x	x	x				
Definite and probable sCJD cases	6	0.30	0.54	-1.00	x		x	x			x	x	x				
Definite sCJD cases	6	0.31	0.52	-1.00	x		x	x			x	x	x				
Studies with a priori cut-off																	
Definite, probable, and possible sCJD cases	10	0.30	1.24	0.12		x	x	x	x	x	x	x	x		x	x	
Definite and probable sCJD cases	10	0.30	1.24	0.11		x	x	x	x	x	x	x	x		x	x	
Definite sCJD cases	10	0.33	1.24	0.13		x	x	x	x	x	x	x	x		x	x	
Studies with data-driven cut-off																	

