

brain injury in rats: in situ hybridization and immunohistochemical analysis. *Life Sci* 77(10):1116-29

1-13. (canceled)

14. A diagnostic tool comprising a differential profile containing levels of EMAP II and/or p43/EMAP II from one or more patients that have suffered traumatic brain injury and one or more patients that have suffered ischemic brain injury, and one or more control patients.

15. The diagnostic tool of claim **14**, wherein said differential profile is a high-throughput immunoblotting profile, protein chip profile, Western Blott profile or ELISA profile of said levels of EMAP II and/or p43/EMAP II.

16. A diagnostic tool comprising a differential profile containing levels of EMAP II and/or p43/EMAP II, STAT3, Tau

14-3-3c protein, and PKA_{RII β} from one or more patients that have suffered brain injury, and one or more control patients.

17. The diagnostic tool of claim **16**, wherein said differential profile is on a protein chip or multiplexed ELISA.

18. The diagnostic tool of claim **14**, wherein said differential profile shows a profile for traumatic brain injury with an increase of 1.6 to 1.8 fold relative to the control and a profile for ischemic brain injury with a decrease of 2.1 to 2.3 fold relative to the control.

19. The diagnostic tool of claim **14**, wherein said differential profile is a differential profile of EMAP II and/or p43/EMAP II obtained from a human patient.

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