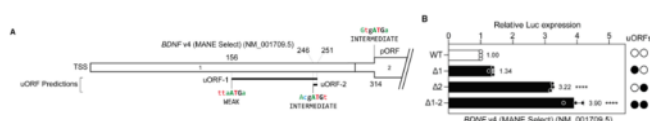


Novel gene editing approach to increase BDNF expression for neurological diseases

Gene editing of BDNF to treat neurological disease.

Applications: Pharmaceuticals



Features	Benefits
Targets a brain relevant isoform of BDNF	Focussed editing for neurological conditions
Generates 1.5-3 fold increase in BDNF	Physiological levels of increase, reducing effects of over-expression
Editing does not alter native promoter, enhancers, and splicing	Ensures tissue specificity, and temporal and activity-dependent control
Specific base editing	Does not require delivery of large editing machinery

Patented and Available for

- Co-development
- Licensing

To find out more, contact enquiries@innovation.ox.ac.uk and quote the project number.

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