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**Insular Cortex**

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**Nucleus Accumbens**

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**Bed Nucleus of Stria Terminalis**

Intraregional connections

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Bed Nucleus of Stria Terminalis - transverse nucleus (efferents and afferents)

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**Amygdala**

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**Hippocampal Formation**

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**Thalamus**

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**Substantia Nigra**

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**Ventral Tegmental Area**

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Ventral Tegmental Area - rostral linear nucleus (efferents and afferents)

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**Raphe Nuclei**

Intraregional connections

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**Brain Stem**

Intraregional connections

Brain Stem - pontine nuclei (efferents and afferents)

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Brain Stem - Kölliker-Fuse nucleus (efferents and afferents)

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Brain Stem – medial parabrachial nucleus (efferents and afferents)

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