

“ ”



Dr Ed Wild 2012 11 25
 Dr Jeff Carroll ; Jianfang Chen
 2012 11 01

HD

RNA

RNA —DNA

HD

HD “ ”

Shang Hui Fang Yang Liang

— HD DNA

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Zn²⁺ " "—

DNA DNA

" "

" " "ATG" "CAG"

" " " "

6 "ATG-CAG"

DNA

NDA

DNA

CAGs



DNA

— Sangamo " " HD

PNAS Sangamo HDBuzz

huntingtin "CAG" " huntingtin

CAG CAG " "

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DNA

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DNA DNA AVV AVV

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HD Sangamo HD HD

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CAG CAG CAG

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DNA

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" " HD " "

DNA RNA

DNA RNA RNA DNA RNA

RNA DNA

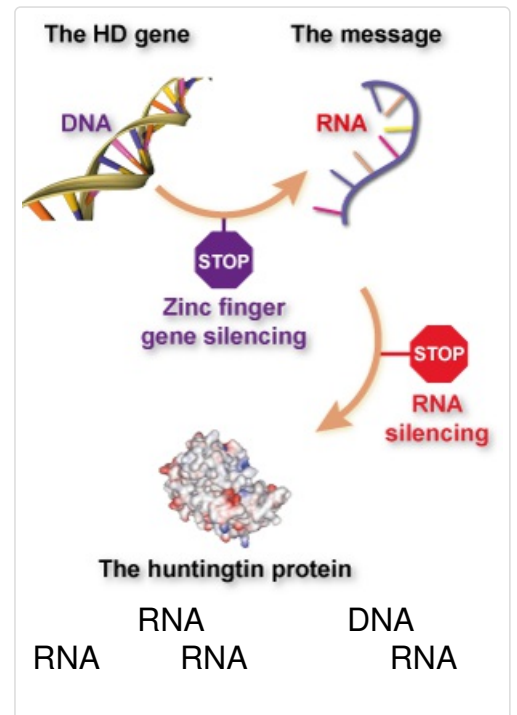
HD HD DNA RNA

DNA

RNA RNA -RNA RNA

RNA

HD RNA RNA



DNA

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CAG

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"pretty cool()"

DNA HD

HD

HD

RNA hungtingtin

Carroll

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