**Pumilio-RA cDNA sequence (yellow highlight = Zinn deletions)**

GCGCGTAAGAAGAAGCAGACCTAGAACGGCGTGCTTGTAATATGTAAATTTTTCAAATAAGCTAAGGTTTTGTGTATATT

TTCATCATTAAAACGTCGTGTAAATTAAAATTCATCCTAATTATAATTAATAAACTACATTAATAAACGGAAATTCCACA

ATTCTCAACAAGAAATCTGTAAAAATTCAAGTTTTAACCAATTCTCATACGTAATTAAATAAATAAAGTTCAGTTTTGTT

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AGTGTAAATCTGAAGCGAAAATTAAAAAAAAATTATATGTAACATTTGTGAATATTTCCGAGCGAATAGTGTTGCAAAAC

GCGCGTGTGGTTCTTTGTGCTGCAAGTTAAAATACAATTCAAGTTGGCAATACGCGCAAAATTGTCAGCTGCGATAGCTA

GGAAAAGCCTCCAAAATTGAGCTCCTAACCGCGCCCACAATTGCCATATCGACGCCCTCGCCGCAGCAGCAACACCAACA

GCAGCAGCAGCAGCAGCAGCAGCAACTCTATCAGCAACATCAACAGCAGCAGCAGCAACATTACGGTCCACCACCGCCCT

ACTTTCAACAGCTACACCAGCAACACCAACAGCAGCAGCAACAACAGCAGCAGCAGCAACACCAGCAACACATGAAGTTT

TTGGGTGGTAACGATGATCGCAATGGCCGCGGAGGCGTCGGCGTTGGCACGGATGCCATTGTAGGATCTCGAGGTGGCGT

CTCTCAGGATGCCGCCGATGCAGCTGGTGCCGCCGCAGCCGCCGCCGTCGGCTATGTCTTCCAGCAGCGTCCATCGCCTG

GTGGGGTTGGCGTCGGCGTGGGCGGAGTGGGTGGCGGTGTGCCAGGGGTCGGAGCCGTAGGCTCGACCTTGCACGAGGCC

GCCGCCGCCGAGTACGCCGCCCACTTTGCCCAGAAGCAACAGCAGACCCGATGGGCGTGCGGCGACGACGGCCATGGGAT

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GTAATGGTGGGCCCGGCGCCATTGGAACCATTGGCATGGGCAGCGGATTGGGTGGTGGTGGCGGCGGCGGAGCTGGCGGC

GGAAATAATGGCGGCTCTGGTACGAATGGCGGTCTGCATCATCAATCGATGGCCGCTGCAGCTGCGAATATGGCAGCCAT

GCAACAGGCGGCGGCGTTGGCCAAGCACAATCACATGATATCACAGGCAGCAGCCGCAGTTGCAGCCCAGCAACAACATC

AGCATCCACACCAGCAGCATCCCCAGCAGCAGCAGCAACAGCAGCAGGCGCAGAACCAGGGGCATCCACATCACCTTATG

GGCGGTGGCAATGGACTGGGCAACGGCAATGGATTGGGCATACAACATCCCGGCCAGCAACAGCAGCAGCAGCAGCAACA

ACAGCAGCAGCAACATCCCGGCCAGTACAACGCGAATCTGCTTAACCATGCGGCTGCCTTGGGTCACATGTCATCTTATG

CCCAATCGGGTGGCAGCATGTACGACCATCATGGTGGAGCCATGCACCCGGGAATGAACGGCGGCATGCCCAAGCAACAG

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AATGATGCCGCCACAGAATCAATATATGAACAGCTCTGCTGTTGCAGCTGCCAATCGGAATGCAGCGATTACCACATCCA

CTGCCAAGAAATTGTGGGAGAAATCCGATGGCAAGGGCGTATCCTCGAGCACTCCCGGTGGACCGTTGCATCCCCTGCAG

ATCCCCGGCATCGGGGATCCCTCCTCCGTGTGGAAGGATCACACCTGGTCCACACAGGGCGAGAATATATTGGTGCCGCC

CCCCTCGCGAGCCTACGCCCATGGAGGCGCCTCCGATACTTCAAACAGCGGCAATGCGGGCATACTGAGTCCCCGCGATT

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CAGTCCCTCGACCATGGACTACACCAGCAGCGGTGTGGCAGCGGCCGCCAATGCGGTGAACAGCACAGTGGCCCAGGCAG

CAGCAGCTGCCGCAGCAGCCGCCGCAGCGCGTGGCAAGTGGCCGGGAGCGATGTCGGGAGCGGCCAGTGGAGCCTACGGA

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GGCAGCGGCAGCAGCGGCGGTGGCAGCAGCAGCCGGCGGAGTGGGAGGTGCCCCACAGCCAGGAAGATCTCGCCTTCTCG

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GTCTGCACCTTCAACGACAACGCGTTGCACGTGATGATGAAGGATCAGTATGCCAACTATGTGGTCCAAAAAATGATCGA

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CACCACCACGACCAGCACTACCAACAGCCTGGCCTCACCCACCATTTGTTCGGTGCAGGAGAACGGCAGCGCCATGGTTG

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ACAGAGACACACGAGACACGCCCACGCCCCCTCACGCACACTCGGTTGCATACACCCACACAATGAACGACTCTTCAGCC

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TTCAAATGTTTCACTGTAAAATGTATACATACTTTATTTTGTAAATTTTTTTTAAGTCGCAAGTAACTCATACATATTCT

ATTCTAAACCTCACGCATGTATTTATAATTTTATACACATTAGCTGGTGACCACCGATCGACGATCTGCATGGATATTGG

TCAGCTGGTGGCCAGCTAAAAGAACCTGTTAGCCAAGTAAGCCAAAAATGATAATAATTGGATTTTAAAACAATAACCAT

CAAAATAAACCAATTTTTTTC

**PUM-PA protein sequence** (yellow = Zinn deletions; underline = Weidman & Goldstrohm repressive domains 1, 2, 3; red = RBD)

MKFLGGNDDRNGRGGVGVGTDAIVGSRGGVSQDAADAAGAAAAAAVGYVFQQRPSPGGVGVGVGGVGGGVPGVGAVGSTL

HEAAAAEYAAHFAQKQQQTRWACGDDGHGIDNPDKWKYNPPMNPANAAPGGPPGNGSNGGPGAIGTIGMGSGLGGGGGGG

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AGGVPAASSAAAVSSGATSASVTACTSGSSTTTTSTTNSLASPTICSVQENGSAMVVEPSSPDASESSSSVVSGAVNSSL

GPIGPPTNGNVVL