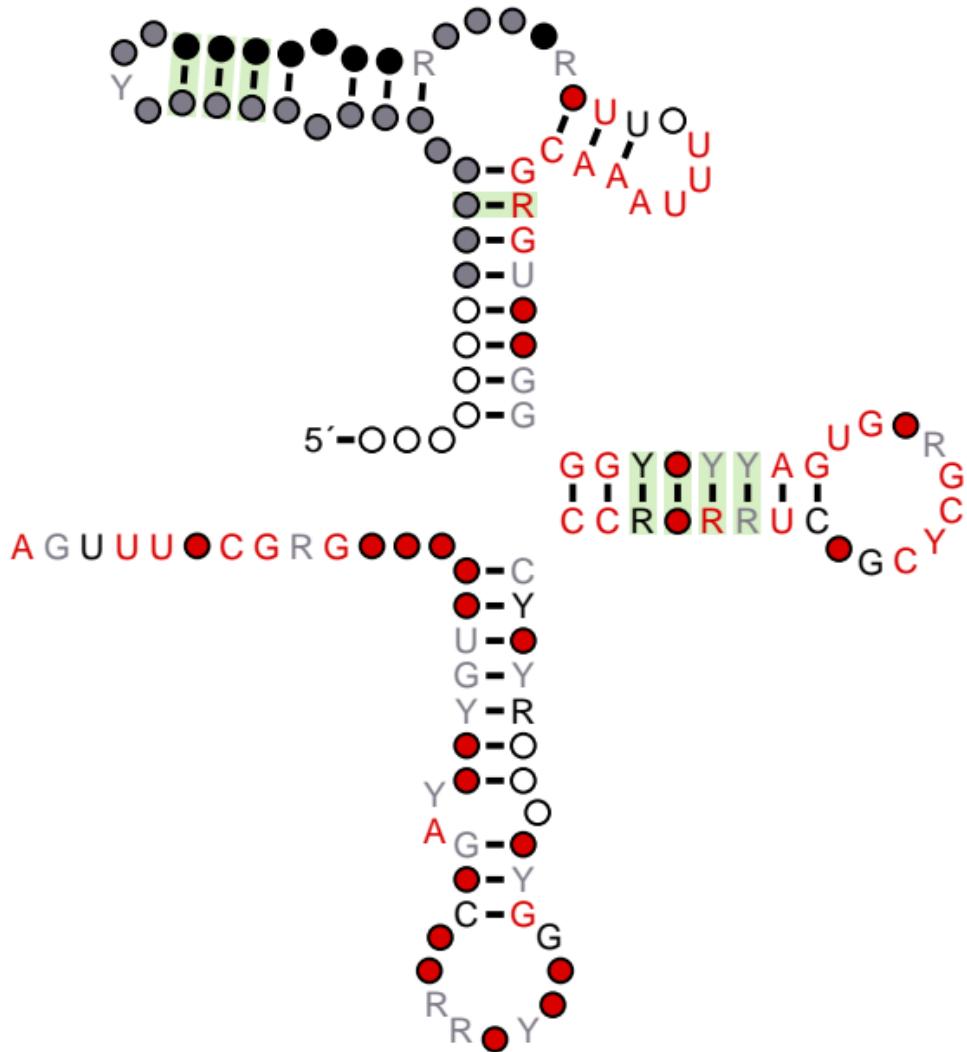


FSE_1



motif100-5001-5019_1

CA
G A
C - G U
A - U
C - G
A - U
C - G
C - G
U - A
5'

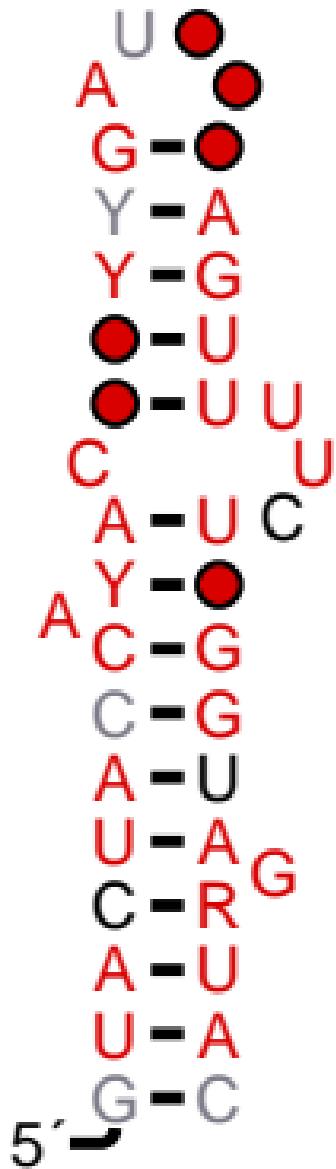
motif102-5037-5077_1

Y U A
C U
A - U
A - U
C - G
C - G
U - A
G - Y
G G
U - G
U - ●
U - G
G - C
A - U
C - G
A A
A - U
C - G
A - U
G - U
5'

motif103-5100-5138_1

U^Y U
U — ●
R — U
C — G
A — U
R — ●
A — Y
A — U
U — A
G — C
G — C
R — U
A —
G — U — R — A
A — U
C — G
A — U — A
5' — Y — G

motif105-5164-5203_1



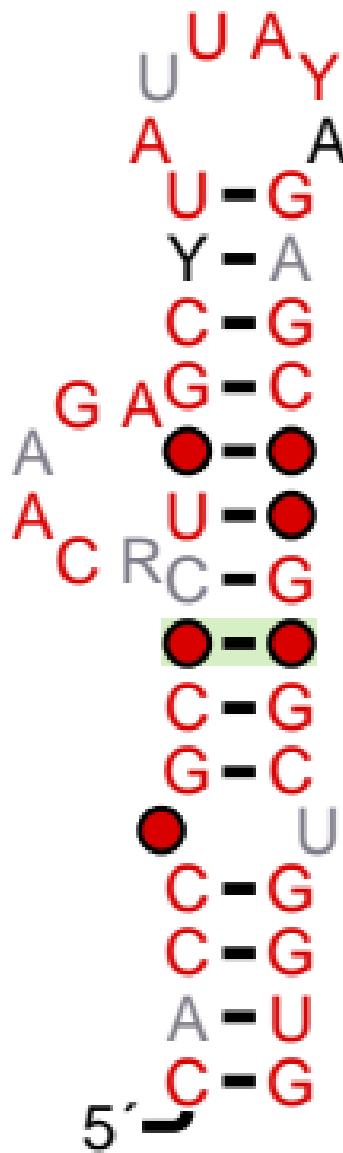
motif108-5272-5296_1

A C
A U
C - G
A - U
A - U
U - A
A - U
G - C U
A - U
C - G
G - C
G - C
5'

motif109-5307-5336_1

A U A
A G
A A
C - G
A - U
A - U
C - G
C A
U - A
C - G
C A - U
A - U
A - U
U - A
5'

motif110-5340-5381_1



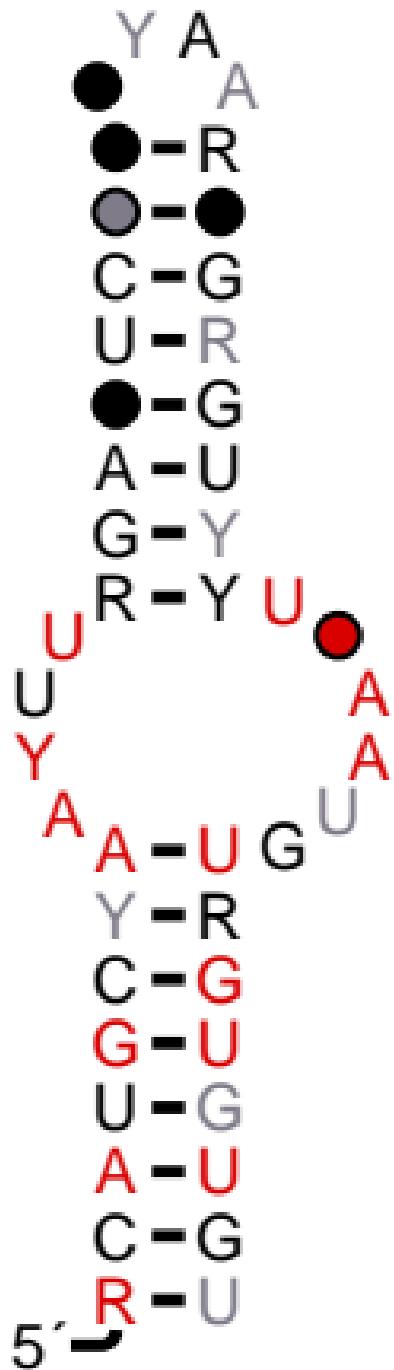
motif111-5400-5444_1

A U A
A R
U - A
G - C
● - ●
C - G
A - U
U - R
Y - G
C - G
G R - U
U - G
U - A
C - G
U U
A - U
U - R
U - G
C - G
A - U
C - G
5'

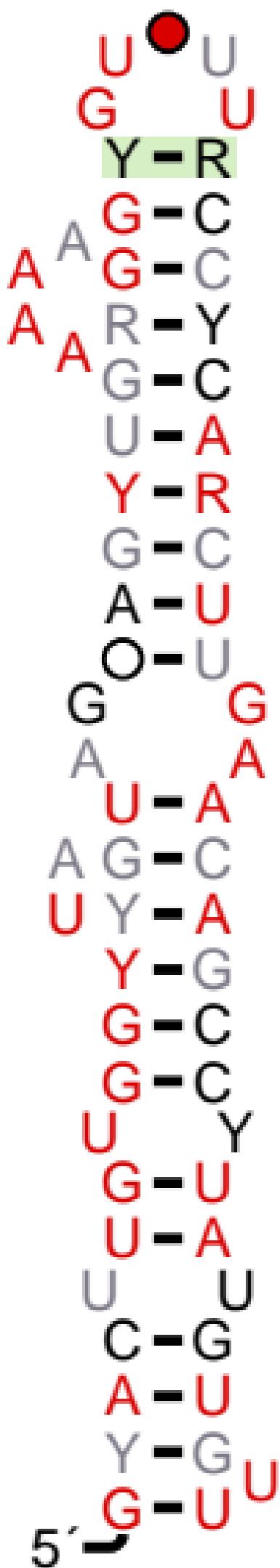
motif112-5453-5474_1

A G U U
G A
U C
A-U
A-U
C-G
A-U
A-U
A-U
A-U
G-C
5'

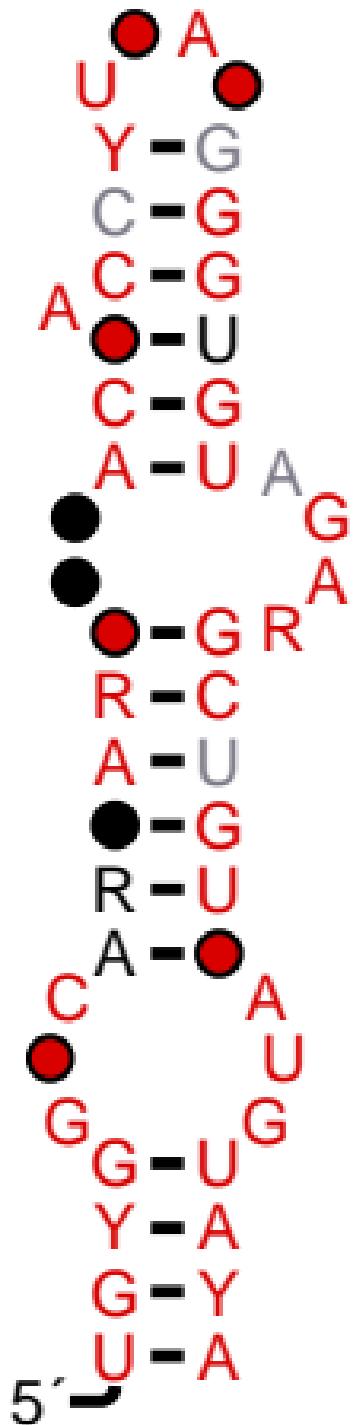
motif113-5476-5521_1



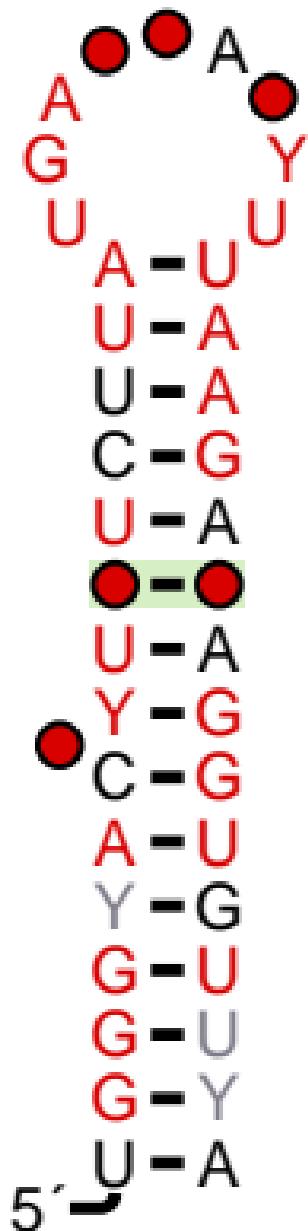
motif11-411-474_1



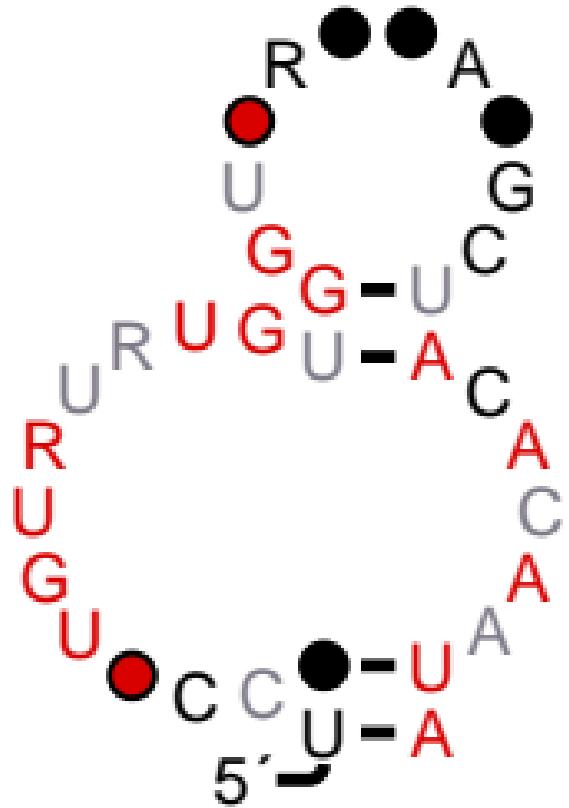
motif114-5528-5576_1



motif115-5577-5616_1



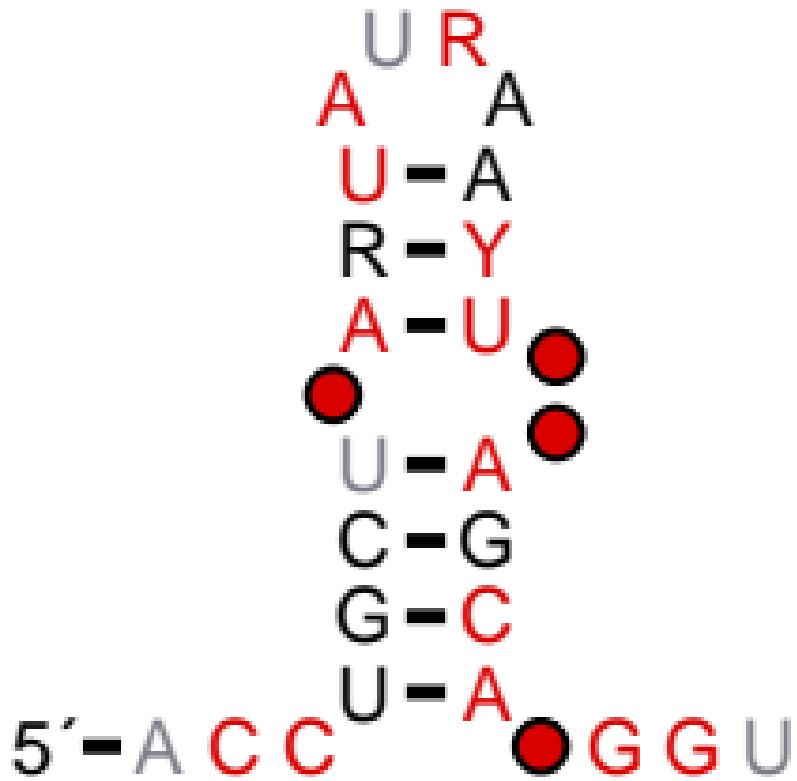
motif116-5619-5652_1



motif117-5662-5679_1

U^C A
Y
G-C
A-U
G-U
R-U
A-U
C-G
A-U
5'

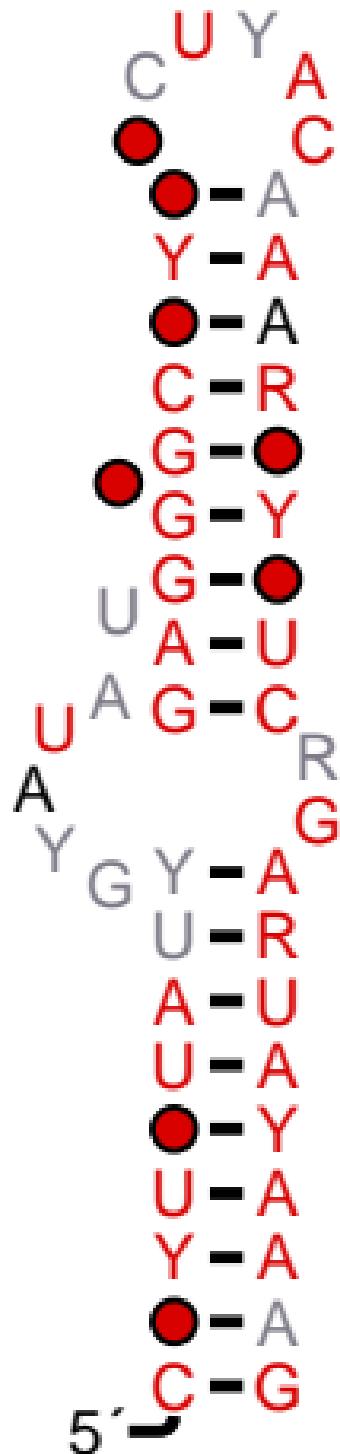
motif118-5695-5722_1



motif119-5738-5771_1

A U
A U
U - A
G - Y
G - C
U - A
C - G
A - U
Y - G
A - U
U - G
R G
A - U
G - C
U - A
R - Y
5' - A - U

motif120-5796-5846_1



motif122-5861-5878_1

C A
A A
U - A
C - G
U - A
U - A
U - A
U - A
G - C
5'

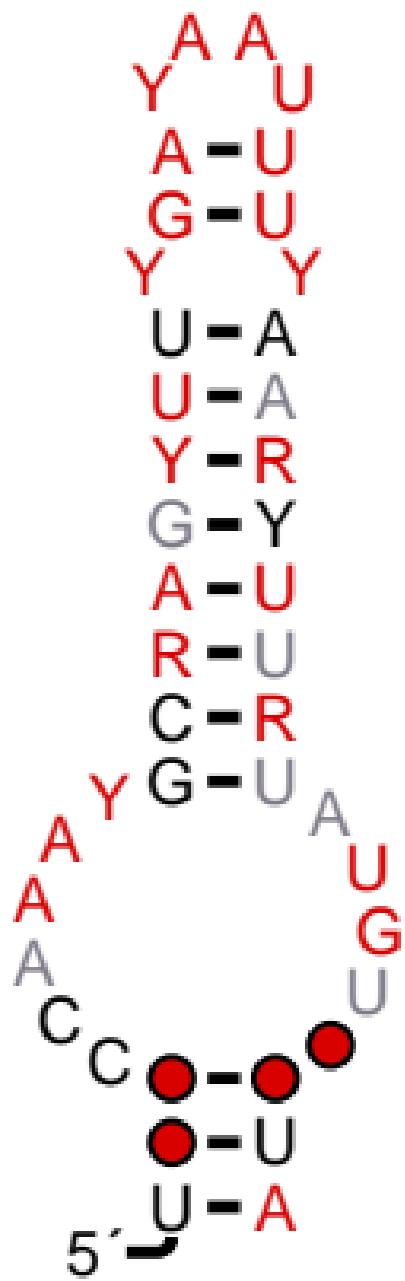
motif123-5885-5928_1

U A U
C R A
U - A
U - A
G - U
A - U
A A C - R
A C - G
A A U - A
A A - U
● - G
A C - G
R - U
C - G
A - U
R - U
C - G
A - U
5'

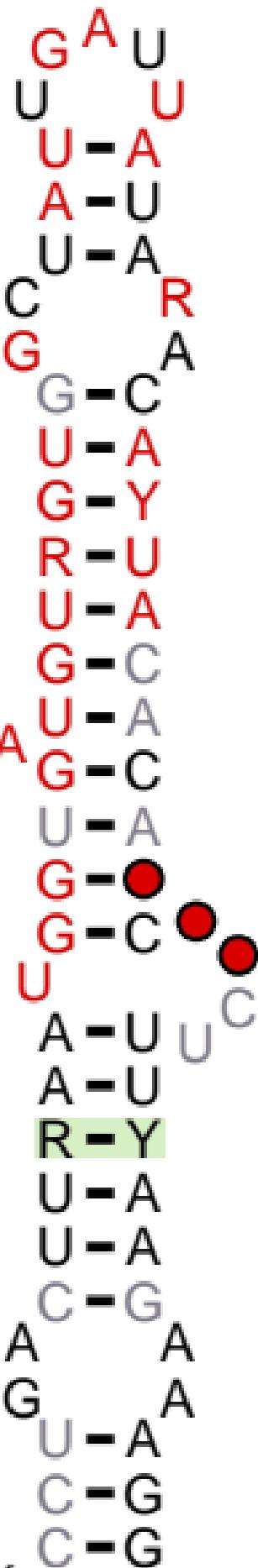
motif125-5964-5983_1

G A C
A A
A - U
A - U
R = C
A - U
A - U
U - A
A - U
5' →

motif126-6023-6065_1



motif127-6146-6210_1

5' - 

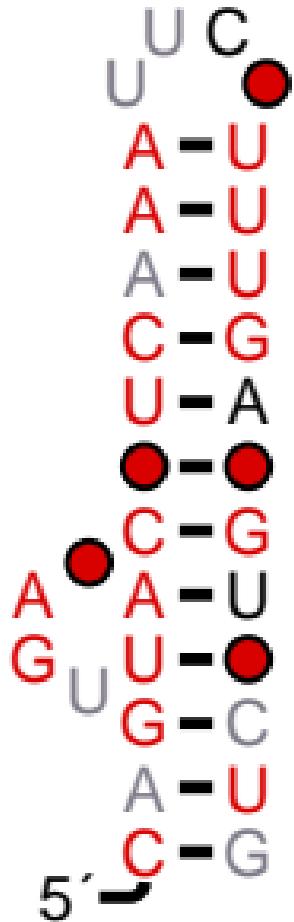
motif128-6217-6253_1



motif129-6262-6306_1

A U A Y
A Y
A - U
C - G
C - G
A - U
A G
A - U
U - ●
● - U
U - A
G - C
C - G
A - U
● U
C - G U
R - C
R - U
A - U
A - U
Y - G
5'

motif130-6318-6349_1



motif132-6363-6389_1

U A
A A
G U
U G - C
A - U
A - U
G G
G - C
R - Y
A - U
C - G
R - Y
C - G
5'

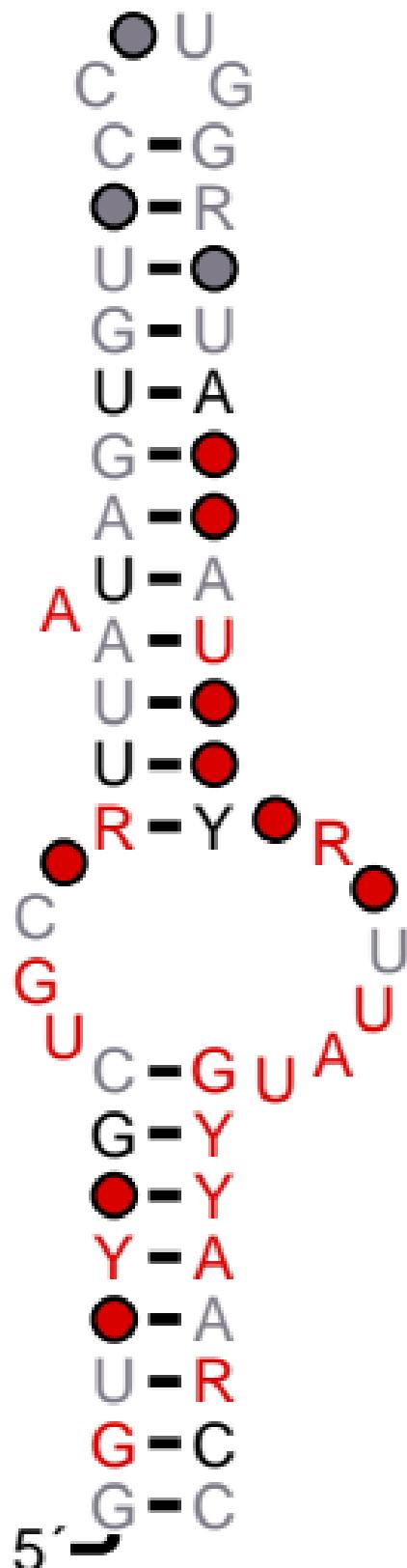
motif133-6407-6440_1

A A A
A G U
U G-C
G-C
A-U
U-A
A G-C Y
A A A
G U
A U
A G-C A
U-A
C-G
U-A
5'

motif134-6446-6504_1

A A G
G U
C U
C - G
A - U
U - A
A C - G G
A A
A R
G U - A
G - Y
U - R
A - U
R - Y
U - A
G - U
U - A
G - C
A - U
G - Y
● - A
U - A A
● - A C
U - ●
G - C
5'

motif138-6641-6696_1



motif139-6712-6731_1

A A
C C
A = U
U = A
G - C
A = U
U = A
U = A
G = C
U = A
5'

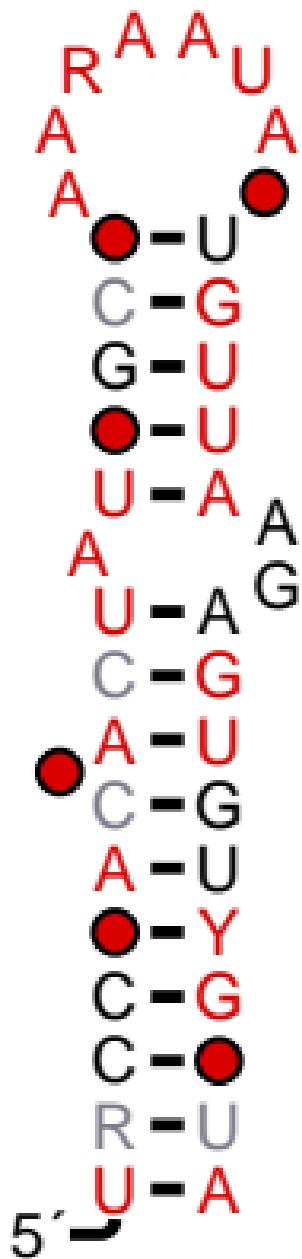
motif140-6737-6756_1

U U U
U A
G A
U - A
G - C
G - **C**
C - G
A - **U**
C - G
A - U
5' →

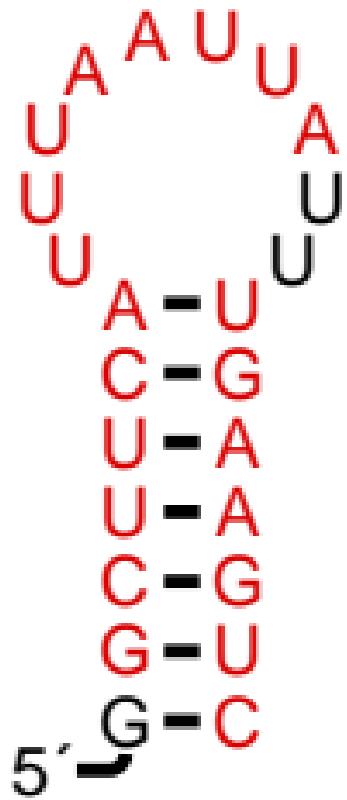
motif141-6789-6836_1

C
A C ●
U - A
U - R
U - R
U - A
C - G
A - Y
Y - A
G - C
R U U - ●
U - A
U - A
R - U
A - U
C C
● - Y
U - A
Y - G
R A
U A
U U
A ●
U - A
5'

motif142-6846-6887_1



motif143-6901-6924_1



motif14-538-554_1

5' →
G G C A
A U
A - U
C G - C
U = A
C = G
A = U

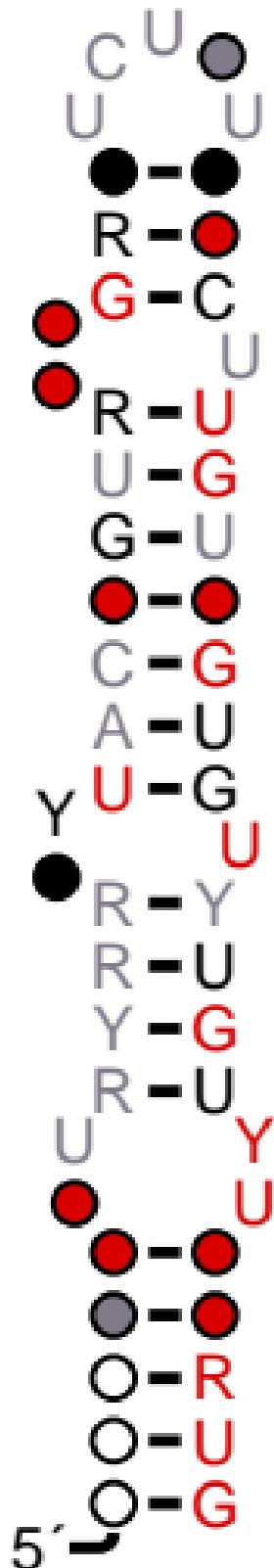
motif146-6974-7009_1

U U
C U
U - A
U - A
G - U
G - C
A - U
U - A
Y Y
C ●
G - Y
U - A
U - A
U C
R - Y
U - G
G - C
A - U
5'

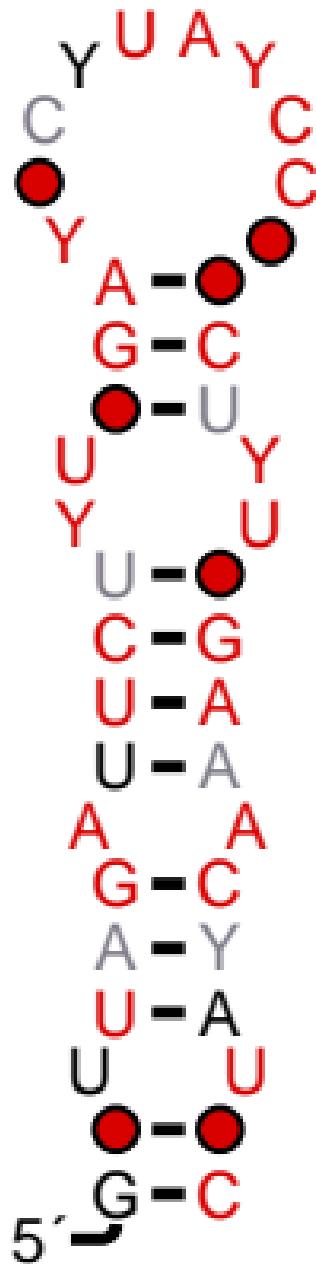
motif148-7042-7072_1

● G G
C U
A - U
U - A
G - C
U - A
A C - G
U U - A
C - G
U - A
U - A
C - G
C - G
G - Y
5'

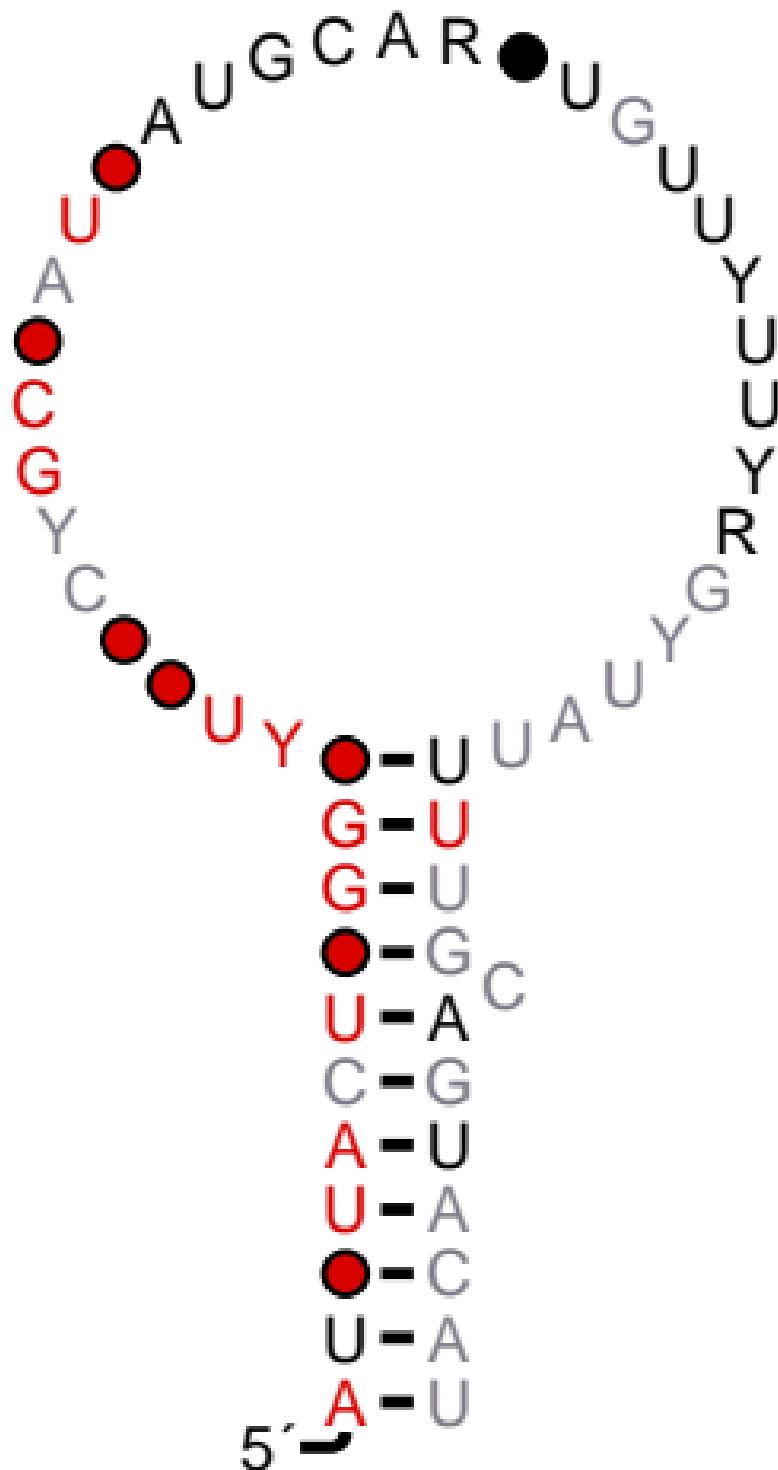
motif149-7093-7145_1



motif150-7146-7187_1



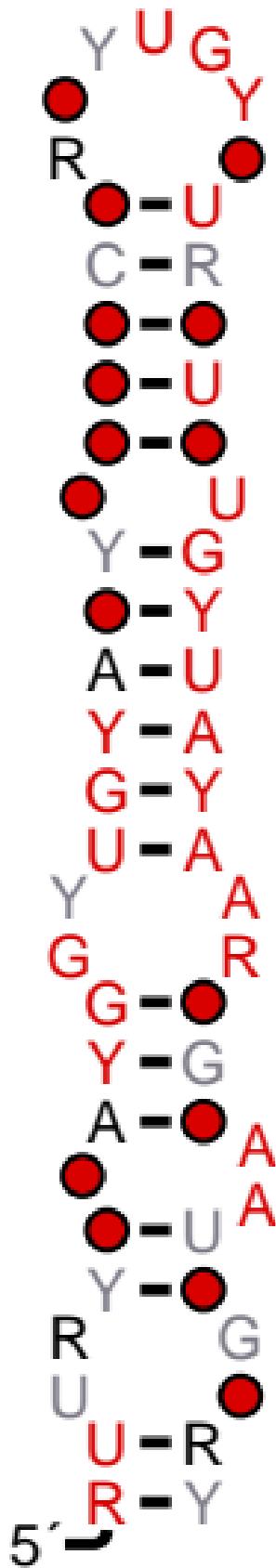
motif151-7281-7336_1



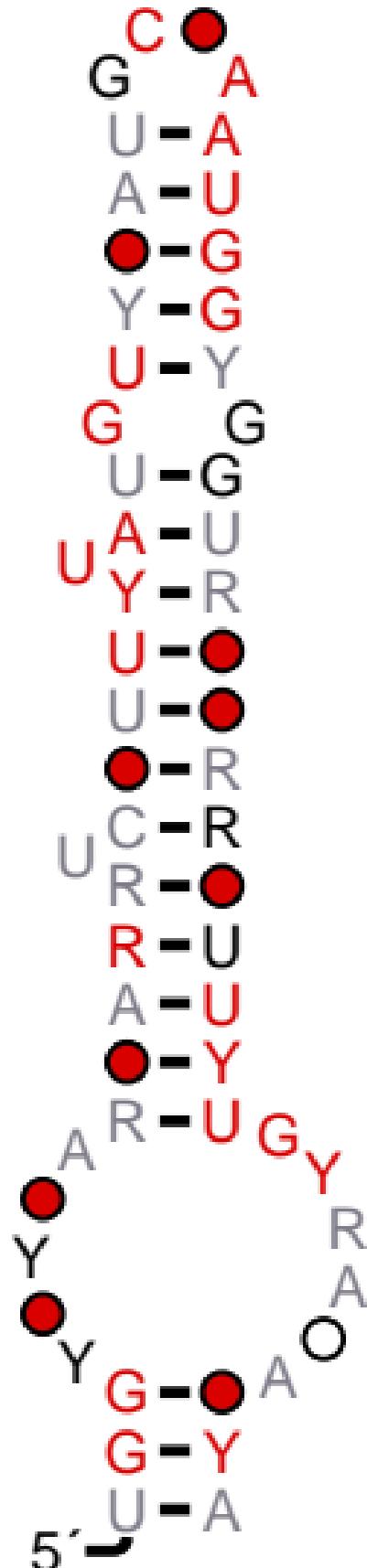
motif152-7428-7446_1

UA
U U
U - A
A - U
C - G U
U - A
A - U
5' C - G

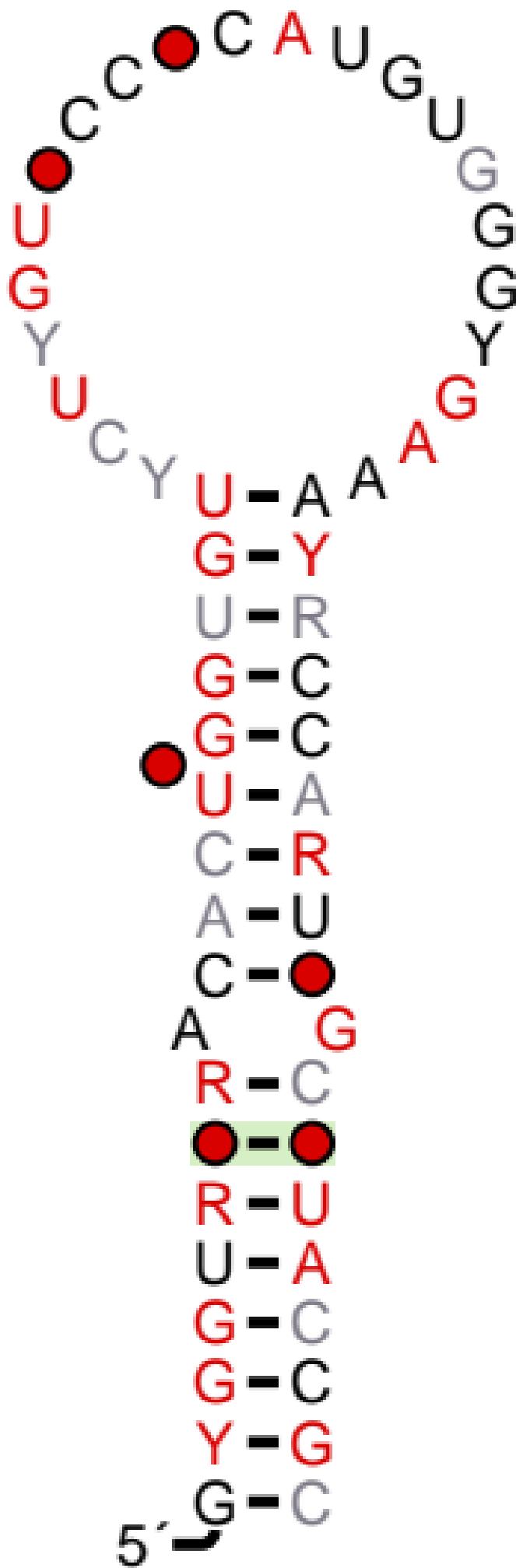
motif153-7463-7518_1



motif154-7549-7606_1



motif15-564-622_1



motif155-7615-7639_1

U U
A G
A - U
Y - R
U A
● - Y
U - A
G - C
5' - G A A U U A U U Y

motif156-7660-7690_1



motif157-7718-7793_1



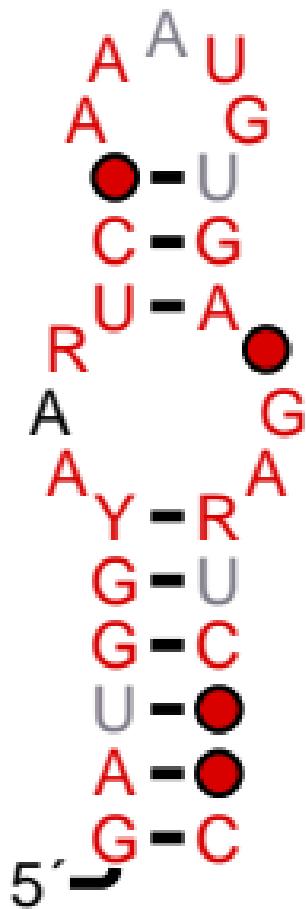
motif158-7819-7850_1

A Y U U
A A
Y - G
U - A
G - C
U - A
U - A
U Y
Y Y
A - U
C - G
Y - A
C - G
U - A
5' - Y - G

motif159-7855-7886_1

C A U
U U
U - R
G - C
G - C
A - U
A - U A
A - U
U - A
C A
A - U
C - G
A - U
A - U
U - A
5'

motif160-7895-7923_1



motif161-7933-7956_1

U A Y
Y U
U - A
G - C
U - A
C - G
U U
● - C A
C - G A
G - C
● - U
5'

motif162-7961-8026_1

U ●
Y U G
● - U
C ●
G - U
R - C
A - ●
C - G
Y - A
A - U G
G - U
● - U
U - G
Y - G
R - ●
U - G
Y - A
G - U
U - A
Y - G
● - U
U - A
A C
U - ●
C - G A
C - G A
A - U
A - U
C - ●
G - C
U - ●
5'

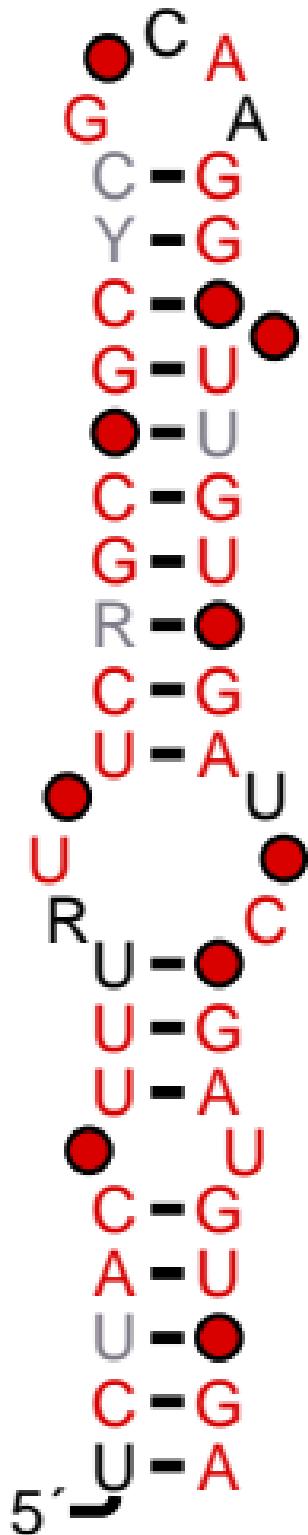
motif163-8027-8074_1



motif164-8104-8128_1

A^AG
G-C
A-U
C-G
G A
U A
C C
A-U
A-U
C-G
G-C
U-A
5'

motif165-8156-8205_1



motif16-626-643_1

UCG
U G
C U
U-A
U-A
C-G
U-A
U-A
5' G-C

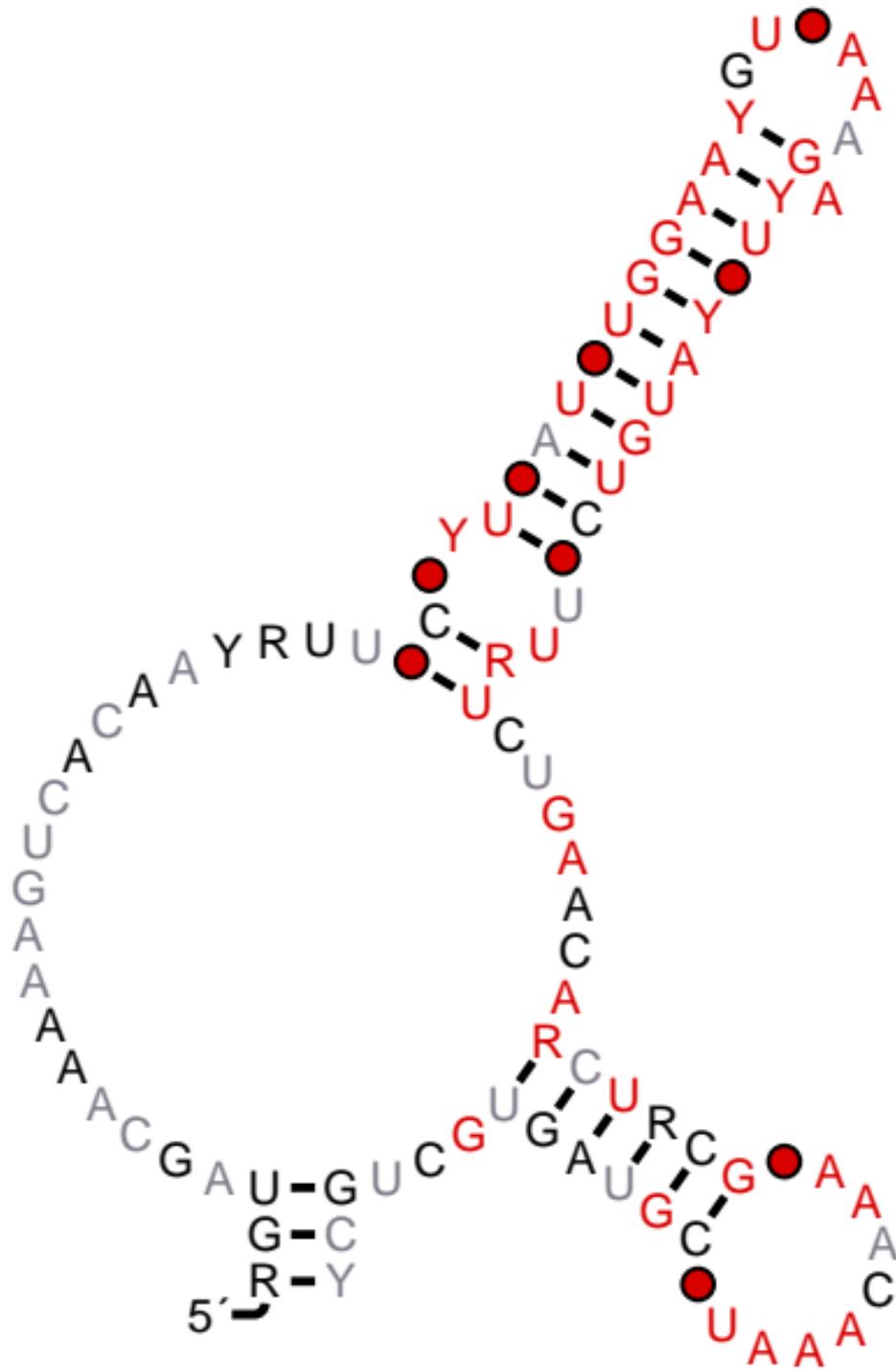
motif166-8211-8230_1

U U
R G
U - A
U - A
G - U
U - G
A - U
G - C
R - U
A - U
5'

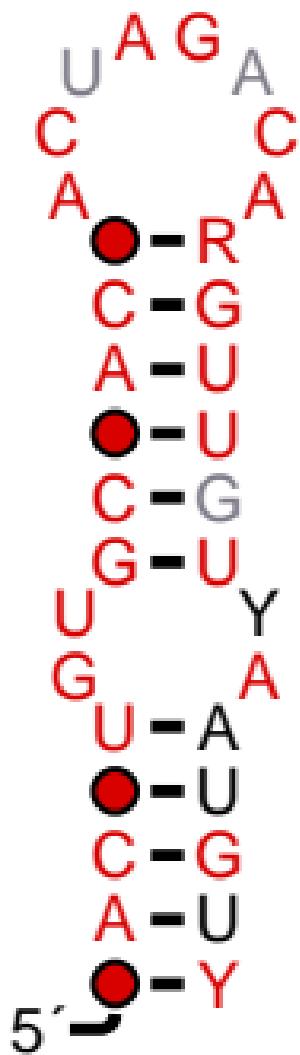
motif167-8351-8369_1

U A U
A U
C A
U - A
G - U
C - G
G - C
C - G
5' - G - C

motif168-8371-8464_1



motif169-8491-8524_1



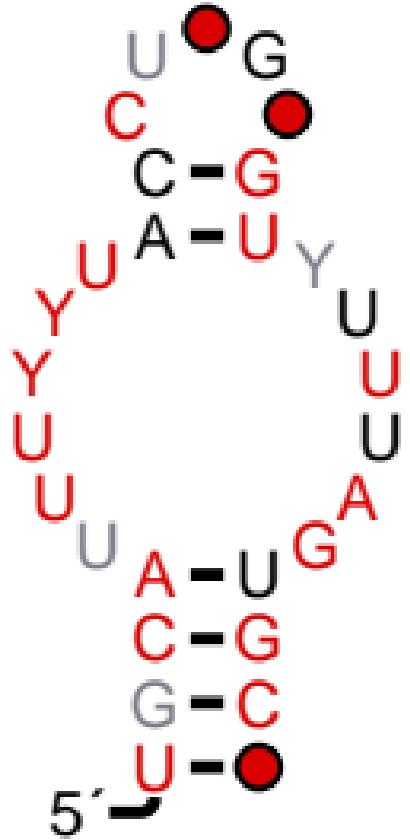
motif170-8538-8555_1

A A
U G
U - G
C - G
A - U
C - G
G G
A - U
U - A
5'

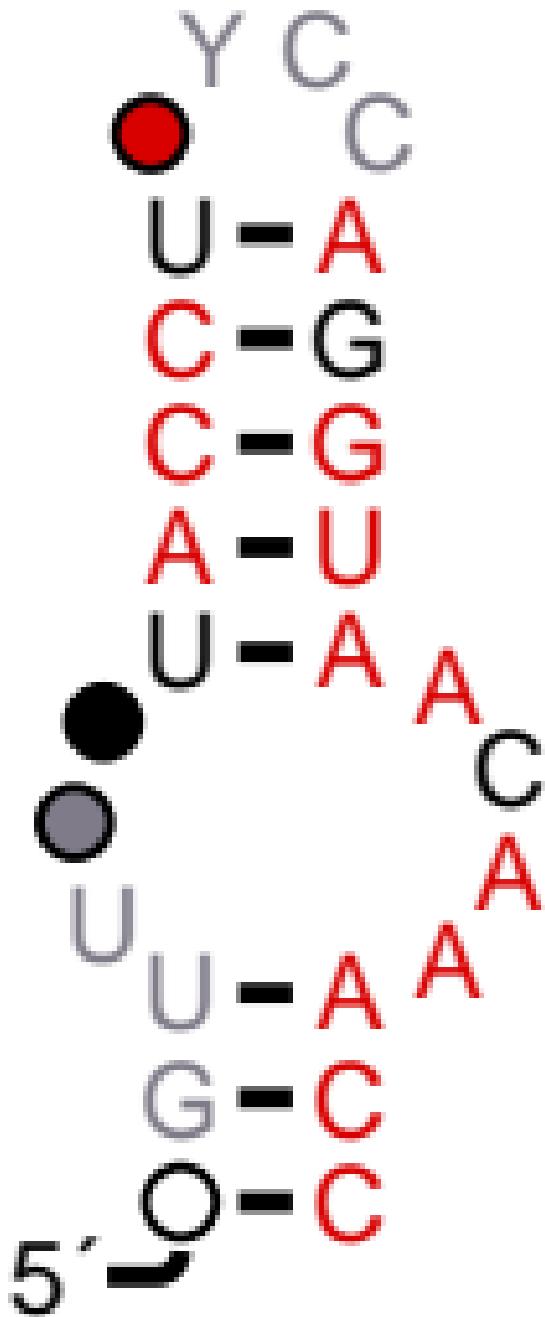
motif171-8833-8906_1

U U U R
G - C
G - C
C - G ●
C - G
G - Y
U - A
G - C
● - ●
U - R
R - U
Y - ●
U U U
U Y - R U
G - ●
G G
● - ●
U - R
R - C
R A
A A
G Y
R - Y
G A
A A
● - U
A C - G
● U - G
A - U
Y - G
U - A
R - C
● - U
5'

motif172-8910-8938_1



motif1-7-33_1



motif174-8990-9096_1



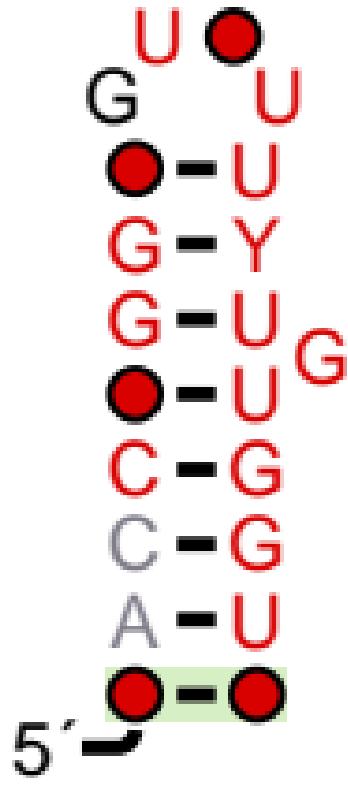
motif175-9257-9281_1

U G
G G
A - U
U - A
C - G A
A - U
U - G
C - G
U - G
A - U
U - ●
● - C
5'

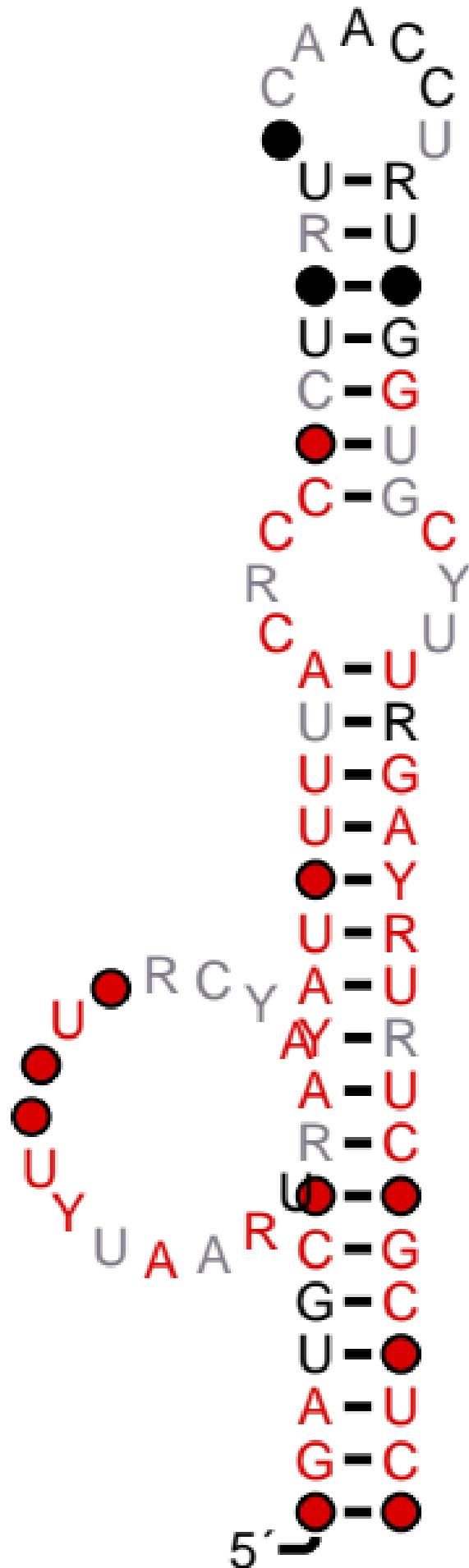
motif17-654-712_1

A U C U
G A U C U
C A
Y A
R C - G A
G - U
G - C ●
Y U
A - U ●
U - G
Y - A
G - C
A - U
U U
A A
C - G
Y - G
G - Y
G G
U - A
G - C
G G
Y - A
C - G
G - C
A - U
G - U
5'

motif176-9306-9326_1



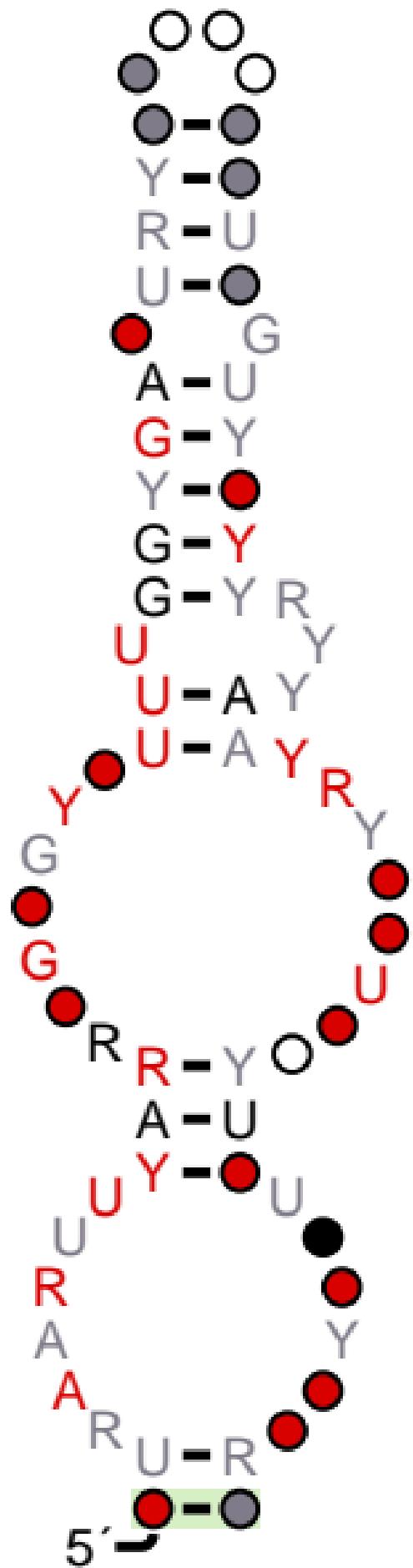
motif177-9328-9403_1



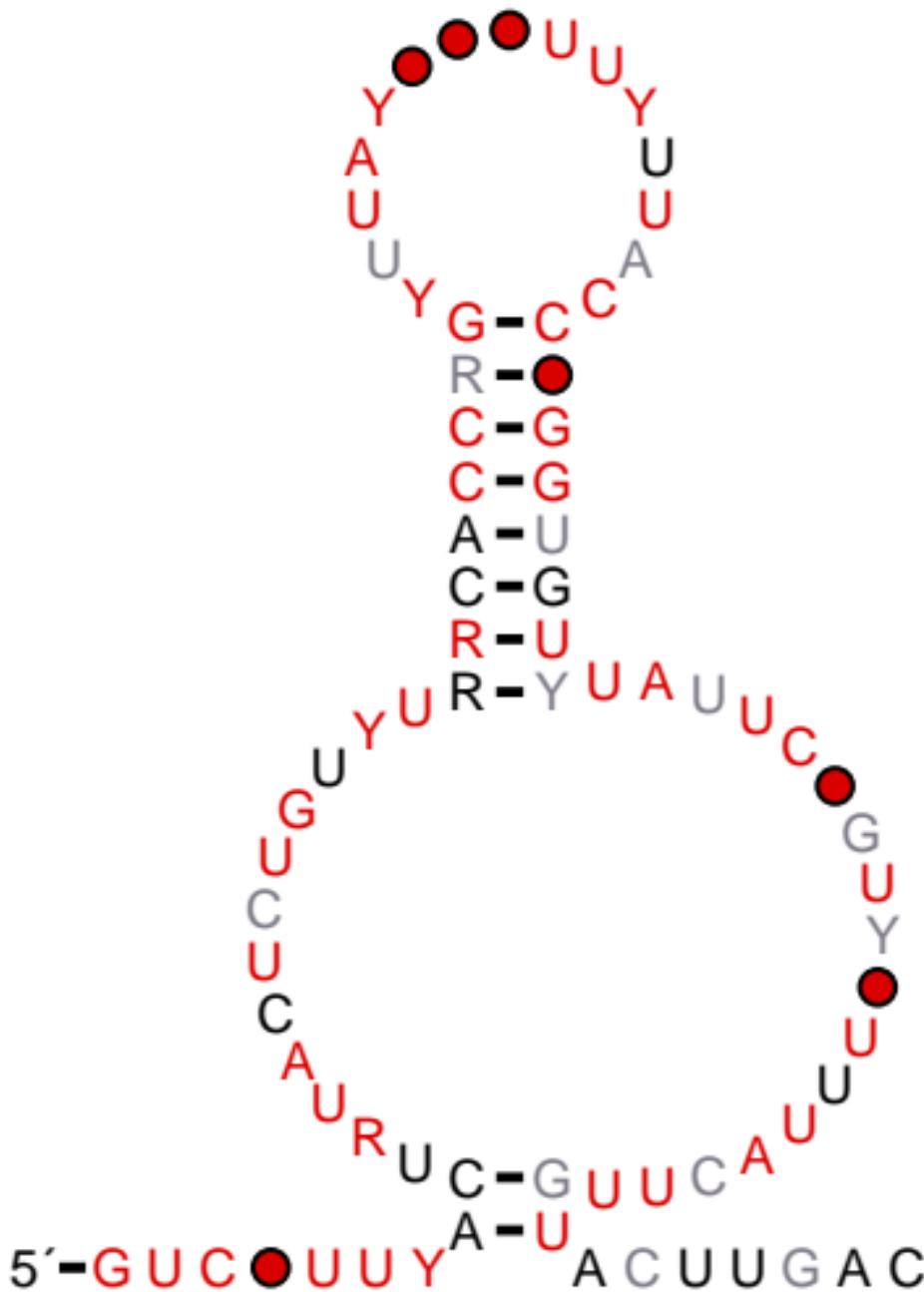
motif178-9416-9443_1

Y
U R
A - U
U - A
C - G
G - U
A A
U - A
G - C
U U - A
A - U
U - G
G - Y
G - C
5'

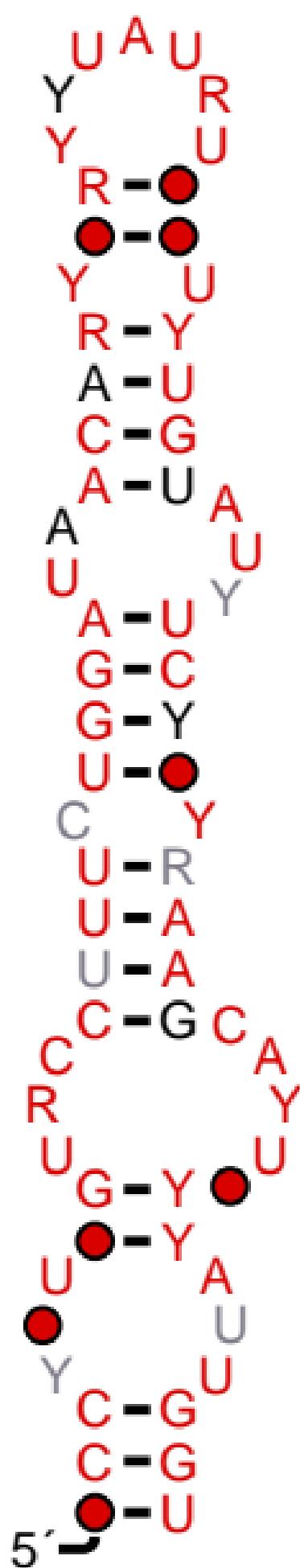
motif179-9458-9525_1



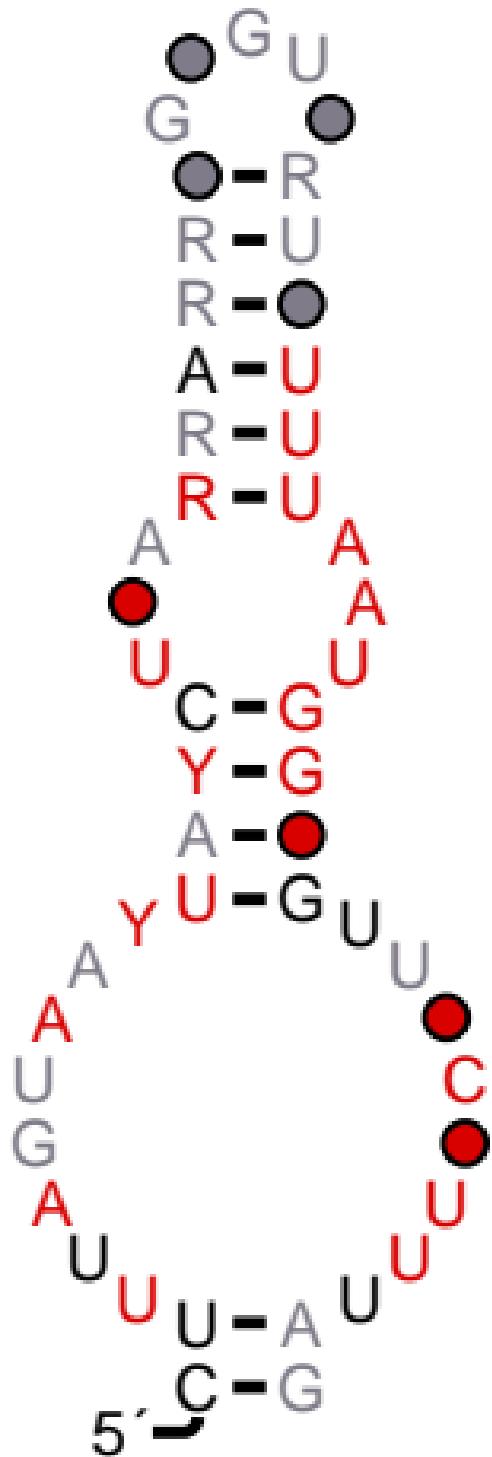
motif180-9526-9603_1



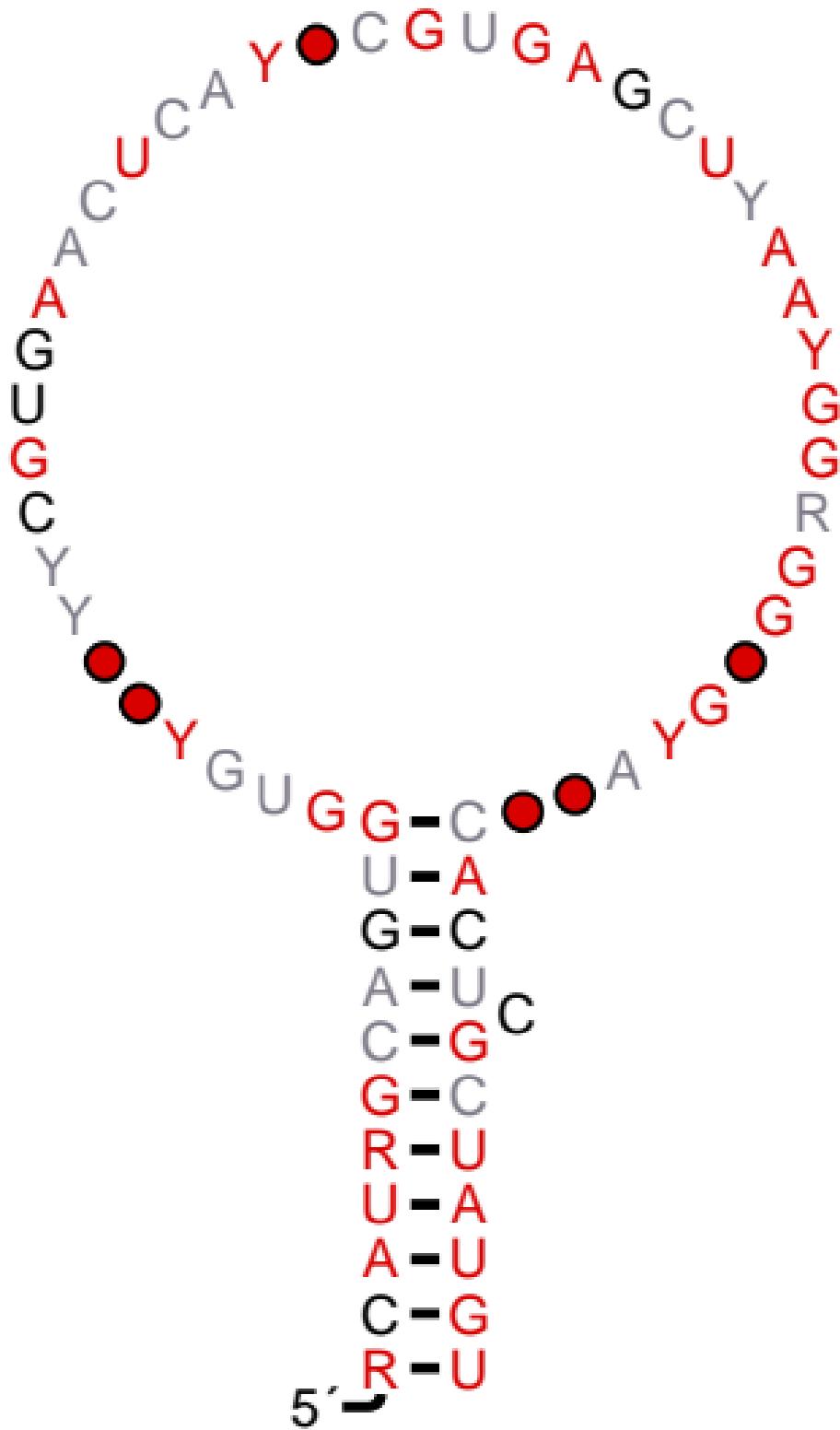
motif183-9664-9731_1



motif184-9733-9783_1



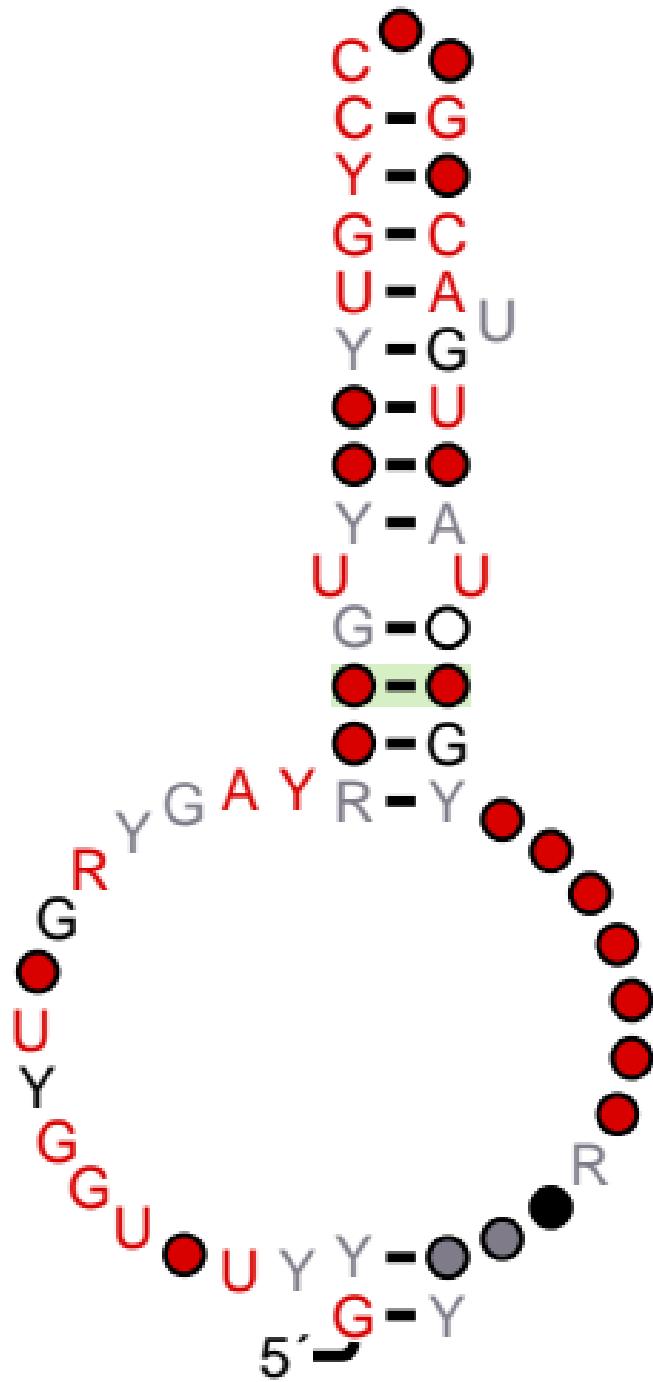
motif18-757-822_1



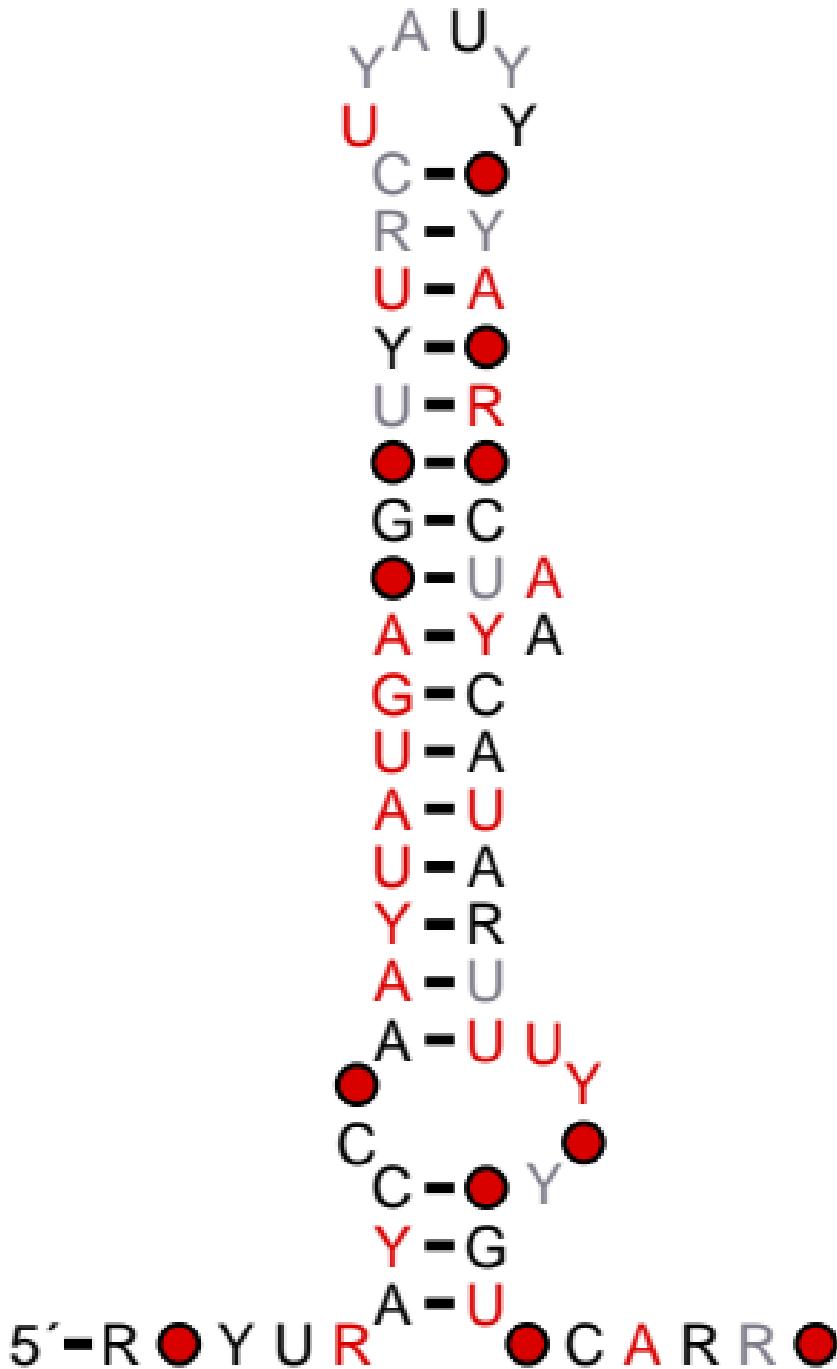
motif187-9832-9886_1

U ●
C U
R - U
Y - R
R - C
● C
A - ●
U G - C
G - U
A - U
U - A
G - C
C - R
G - C
U - A
U - R
R - U A U
A A
A R - Y A A
U - A
C - G
U - R
A - U
U - A
G - C
5'

motif189-10140-10198_1



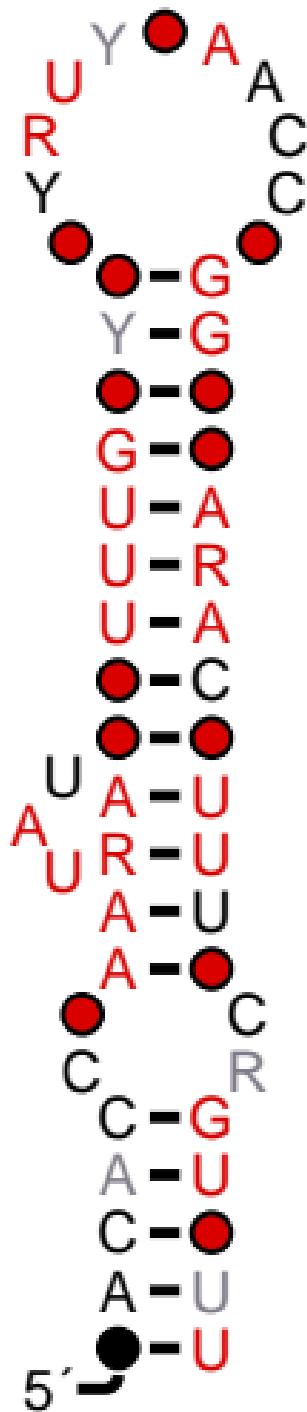
motif190-10201-10263_1



motif191-10269-10294_1

A G R G
Y U
U U
C A
A - U
A - U
C - G
U - G
U - A
G - C
U - A
A - U
5' -

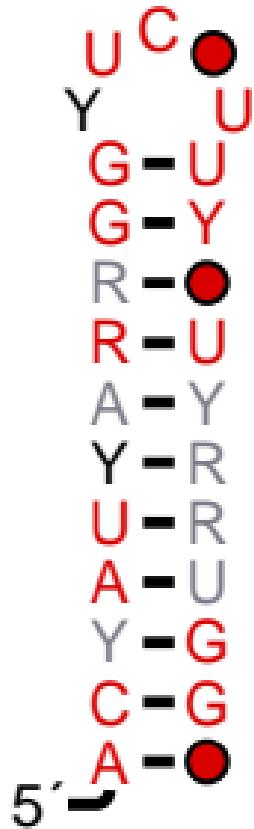
motif193-10345-10398_1



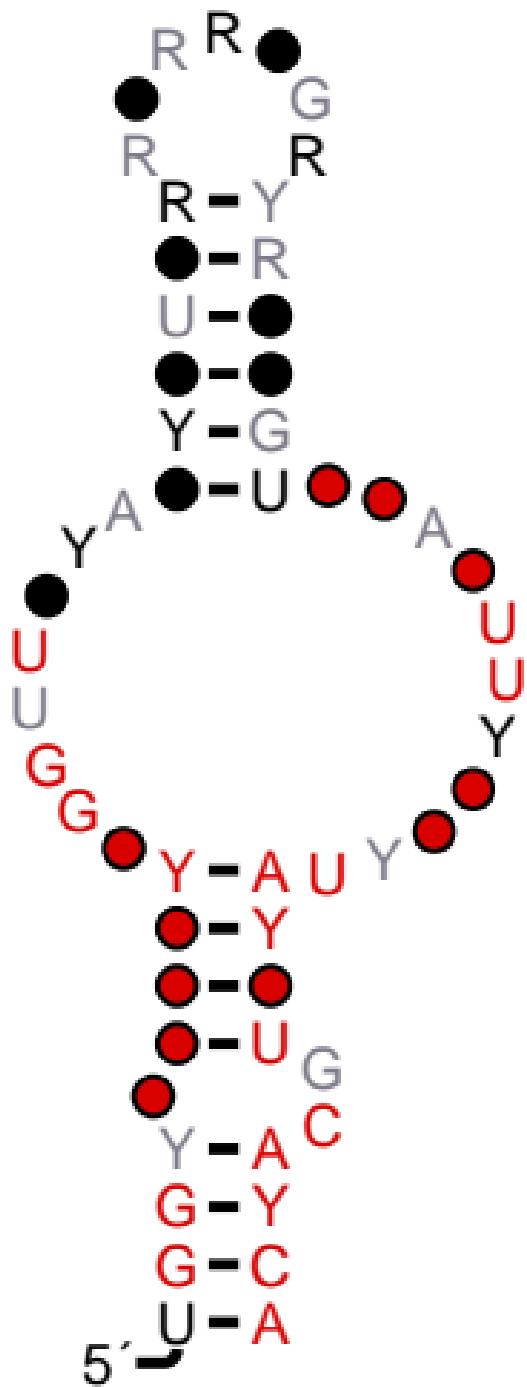
motif194-10400-10448_1



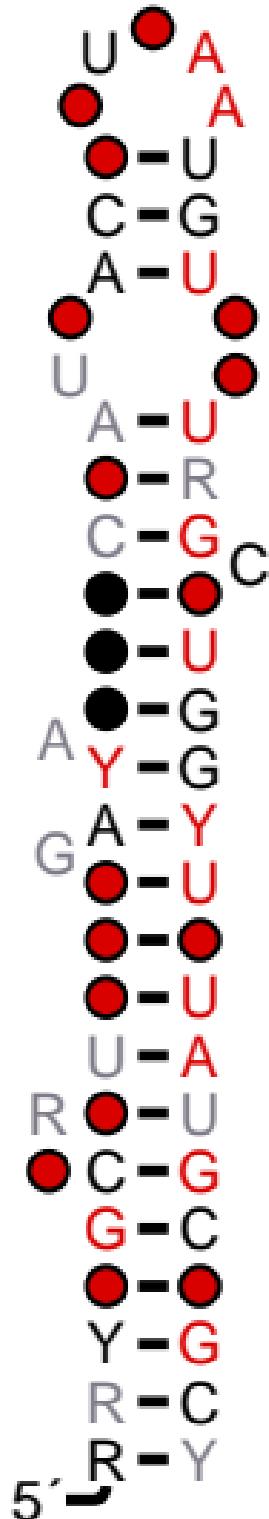
motif195-10457-10483_1



motif196-10489-10545_1



motif198-10630-10687_1



motif19-837-853_1

U G A
C U
C - G
C - G
G - C
G - U
U - A
G - C
5'

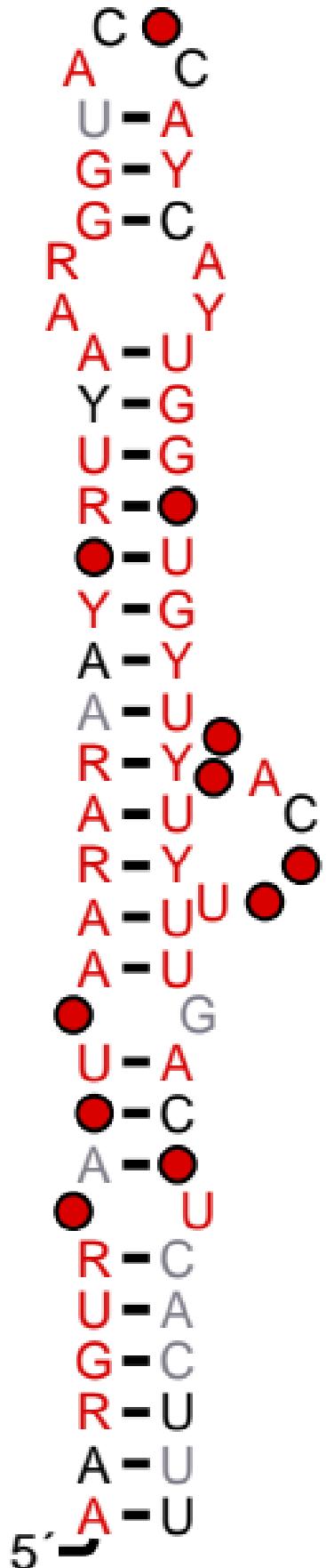
motif200-10859-10911_1

U G
A G
A ●
G-C
U-G
A-U
U-A
G-C
G-Y
U-A
A-U
A ●
R-Y
A-U
C-●
R U-G
Y-G
R-U
U-A
U-G
R-Y
A R
G-C
A-Y
A-●
A-U
5'

motif201-10928-10962_1

U^A G
U - R
G - C
U - A
U - A
G - U
Y - G Y
A - U
U G - C
U ● - ●
C - G
C - G
A - U
C - G
A - U
5'

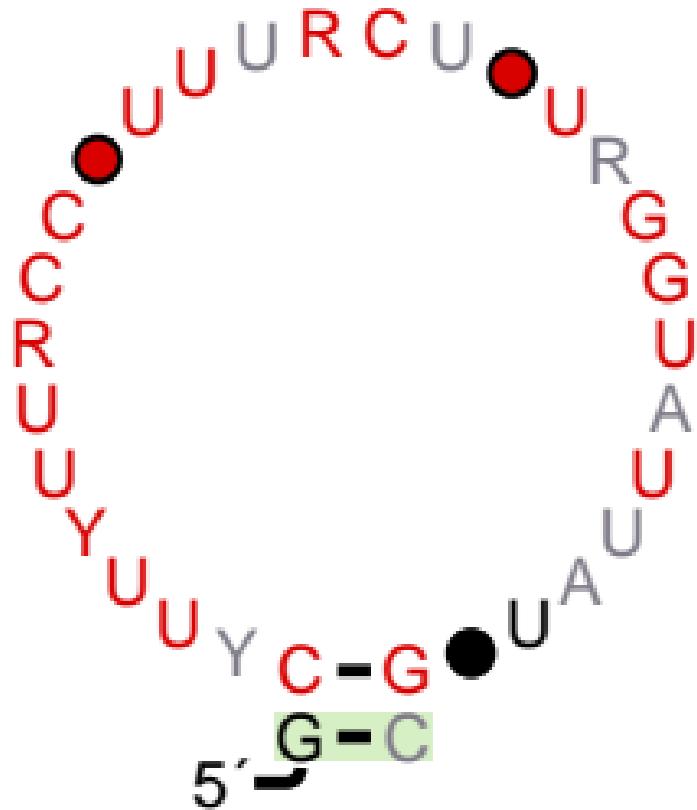
motif202-10971-11039_1



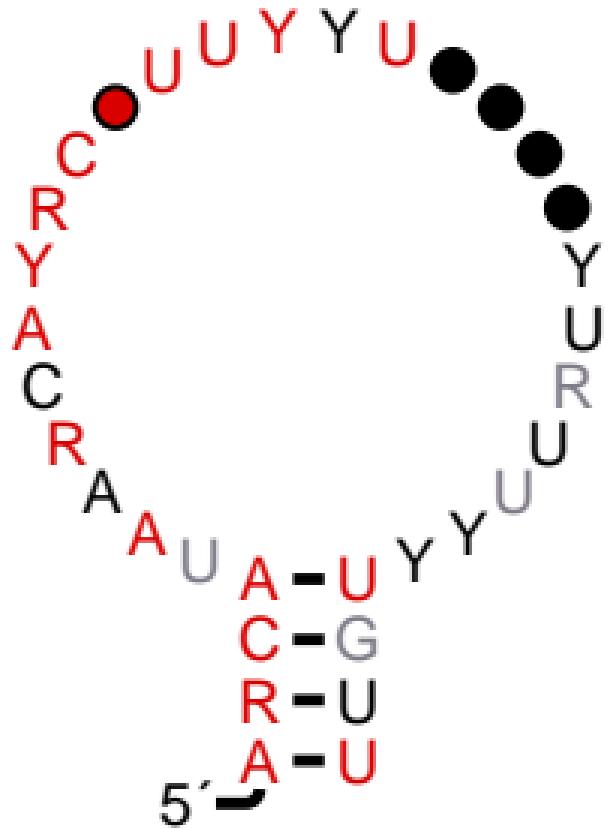
motif203-11051-11071_1

U C A A U
C G
A G
U G = C
A = U
G = U
A = U
C = G
5'

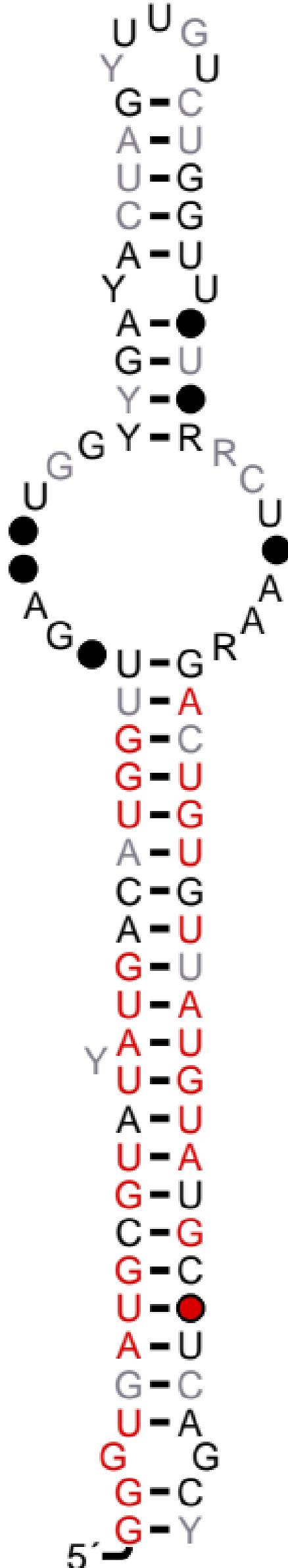
motif204-11093-11124_1



motif205-11154-11187_1



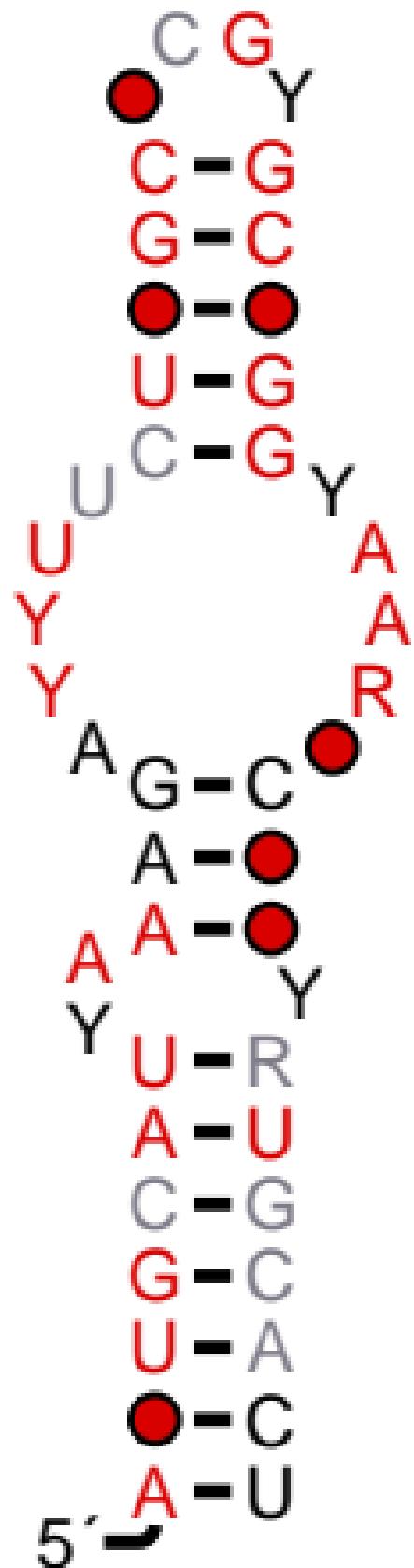
motif207-11241-11329_1



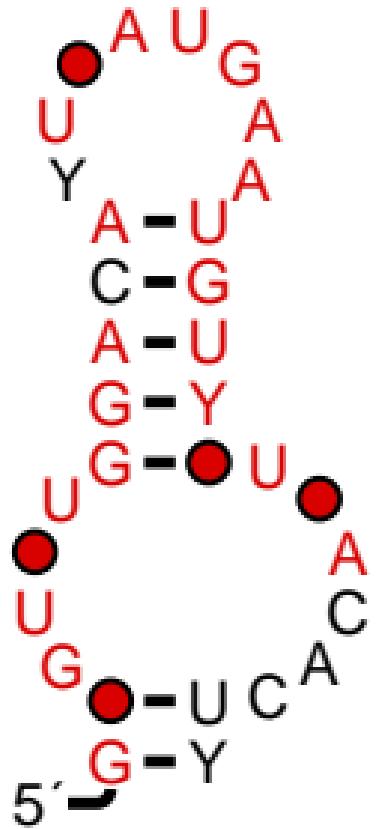
motif208-11330-11352_1

C U A A U
A C
U C
U G - U
U = A
G - U
A G
U = A
G - C
5'

motif20-861-907_1



motif209-11385-11416_1



motif210-11419-11477_1

GA
A U
U C
U-A
Y-A
C-G
G-Y C
U-A
A-U
A-U
U U
G-C
G-Y
U-A
A-U
U-G
A-U
U-G
Y-G
U-G
G-C
A-U C
A-U
A-●
U-R
A-U
U-●
U-A
5'

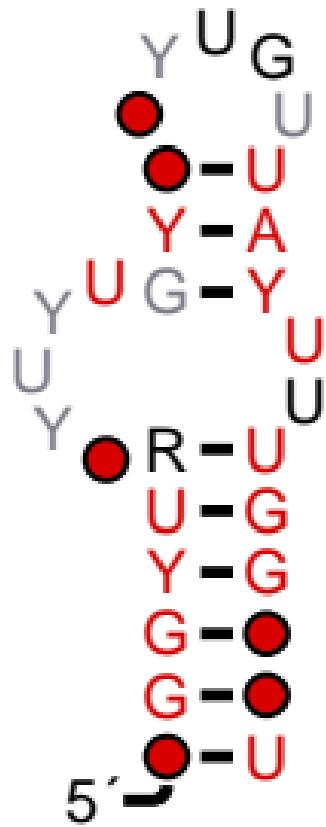
motif211-11491-11510_1

A G
C G
U U
Y - G
A - U
U = ●
C - G
A - U
A - U
U - A
5'

motif212-11578-11611_1

● C
U A
Y - G
● - U
C - G
A - U
Y - A
A - U ●
A - U A
U - G
G - C
G - U
U - ●
C - G
A - U
● - Y
5'

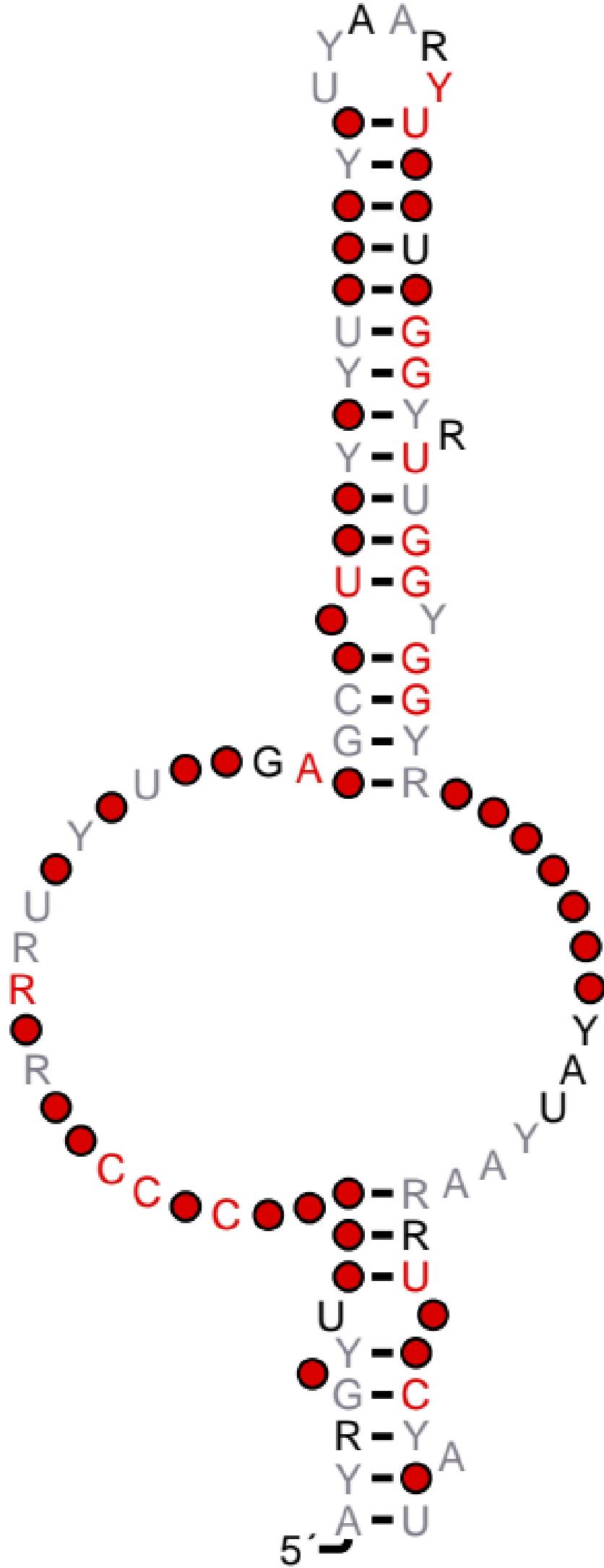
motif213-11623-11652_1



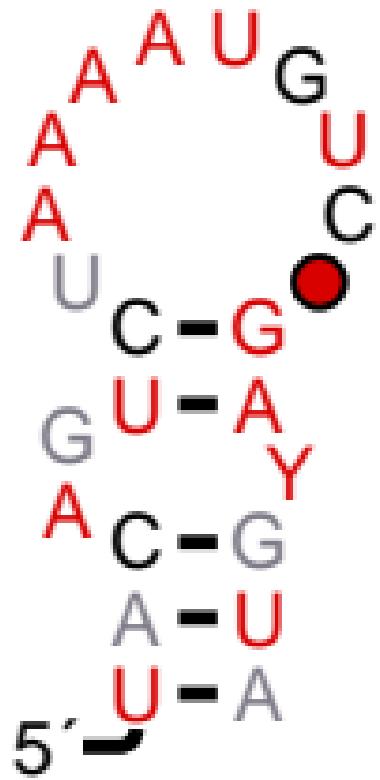
motif214-11720-11739_1

U A Y
R G A
A - U
U - G
U - A
U - A
R - Y
A - U
G - C
5'

motif215-11742-11836_1



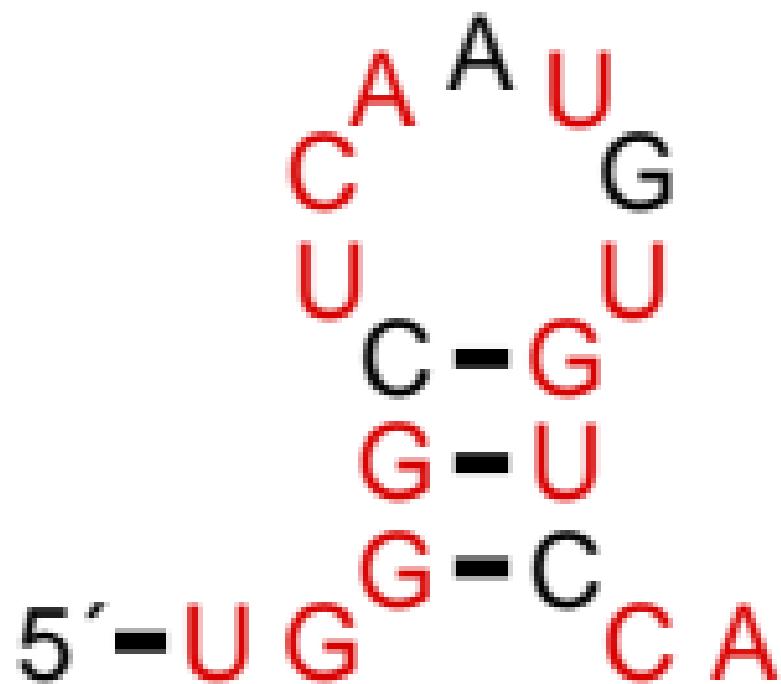
motif216-11838-11860_1



motif217-11880-11908_1



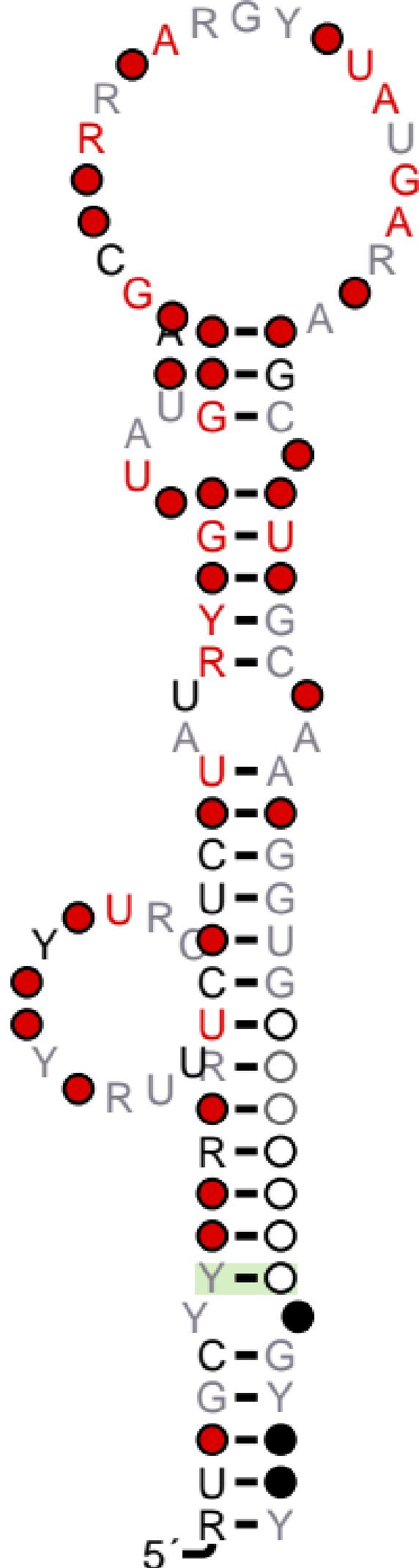
motif218-11927-11943_1



motif21-910-925_1

5' - G = C
U - A
C = G
C - G
G - U
A C
A A
C A A

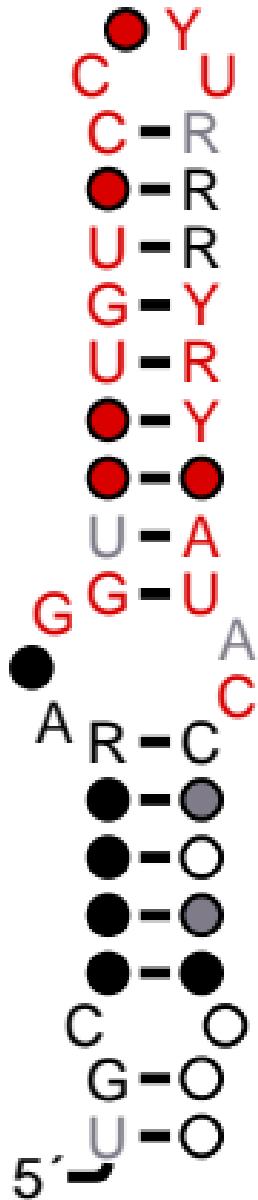
motif219-12095-12192_1



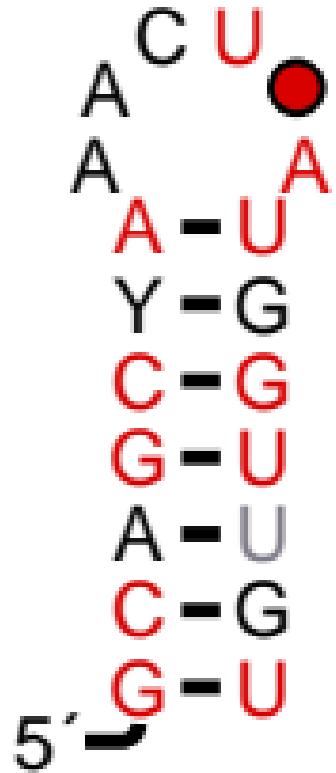
motif220-12382-12415_1

Y U Y
R A
C A
G-C
U-A
A A
G-Y
U-A
A-U
A-U
U-A
G A-U
● - Y
U-A
Y-A
5' G-Y

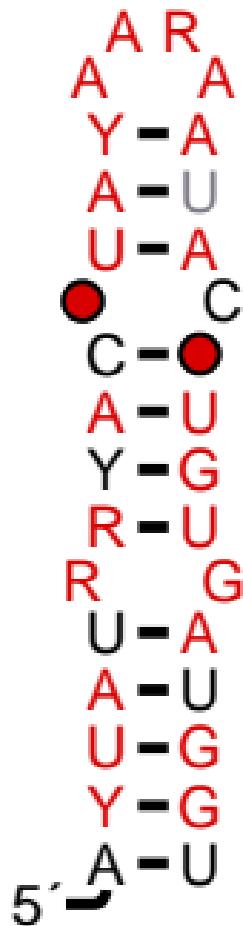
motif221-12418-12460_1



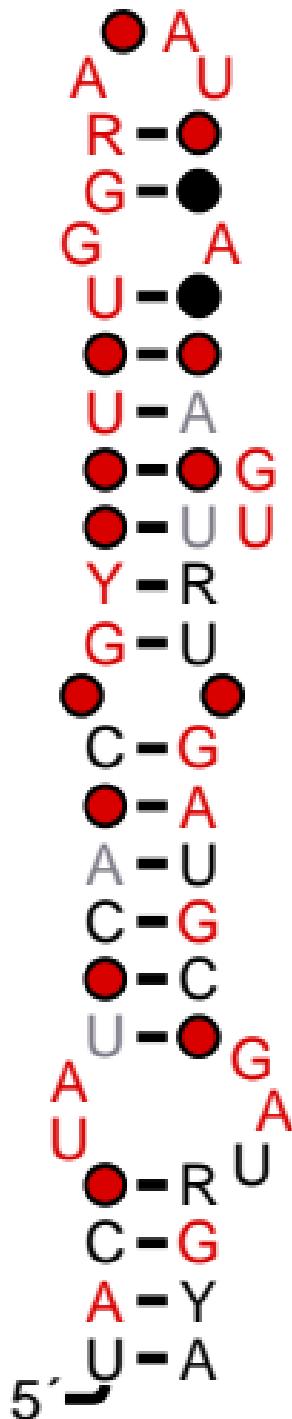
motif222-12464-12483_1



motif223-12492-12523_1



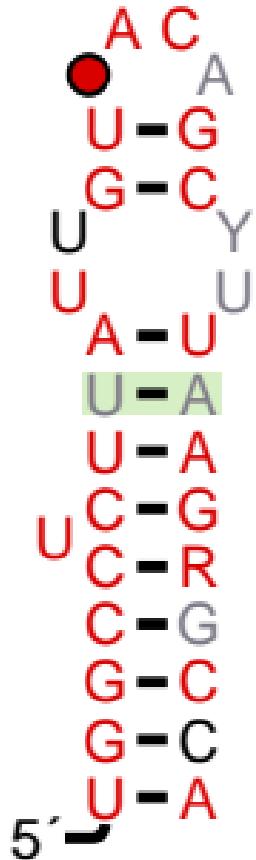
motif224-12532-12584_1



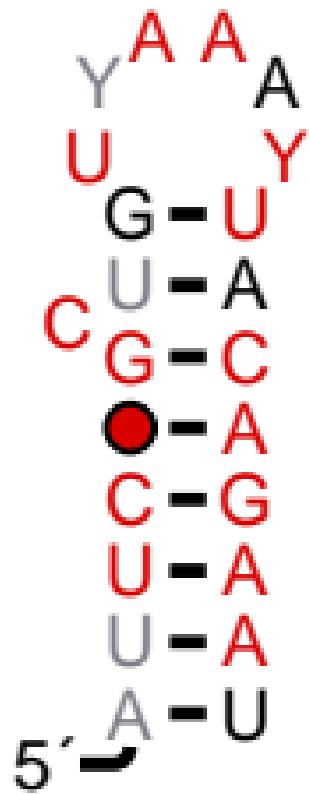
motif225-12586-12620_1

U G A A
G A A
A U U
U - A
C - R
R - Y A
A - U A
C - G
Y - G
U - A
G - Y
U - A
U - A
A - U
5' - A - U

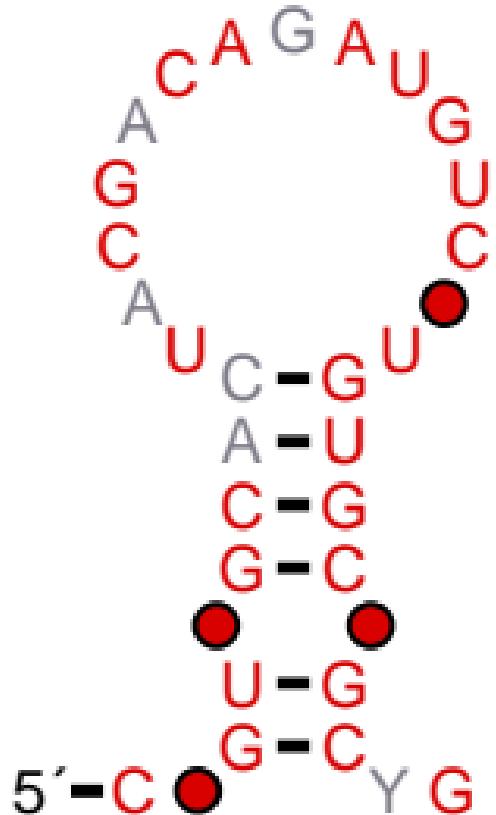
motif226-12635-12665_1



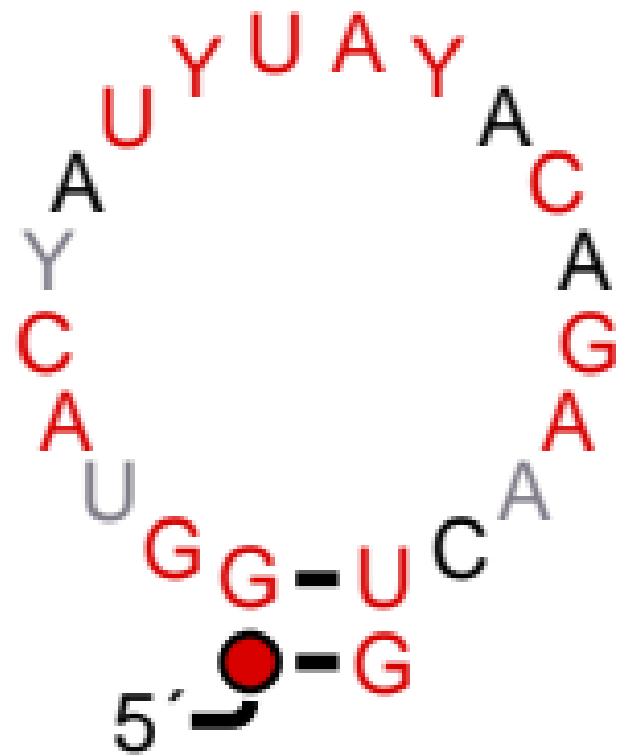
motif227-12666-12688_1



motif228-12702-12734_1



motif229-12871-12892_1



motif22-940-1030_1



motif230-12899-12930_1



motif23-1067-1093_1



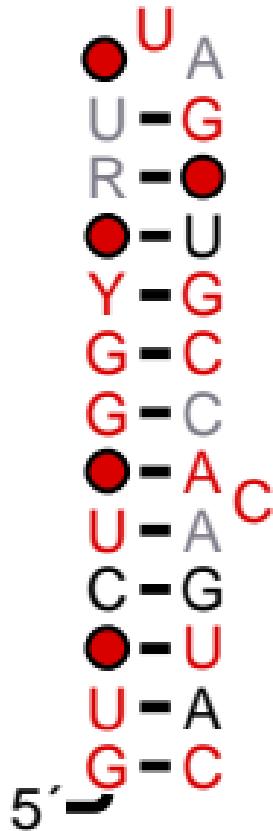
motif231-12931-12964_1

U U
Y R
A - U
U - A
R - Y
A - U
A - U
● - U
U - R
R - U
R - Y
R A
A A
U - R
Y - G
C - G
5' ● - ●

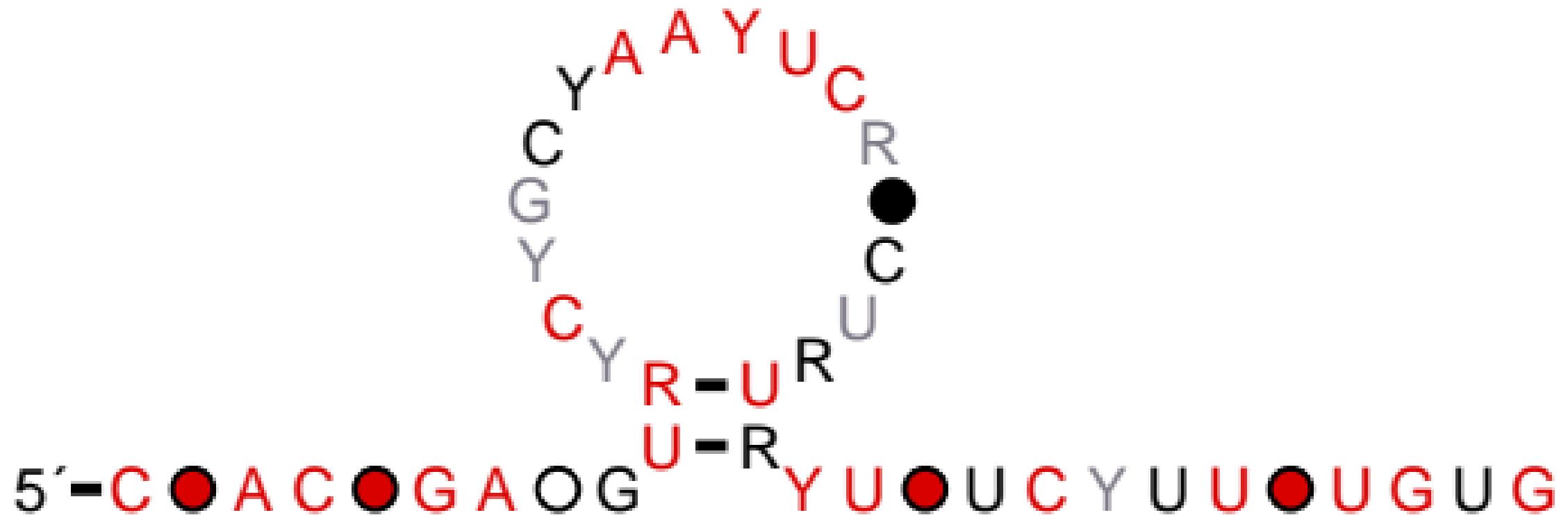
motif232-12970-12988_1

A U
A A
A G
U - A
C - G
C - G
A - U
A - U A
5' C - G

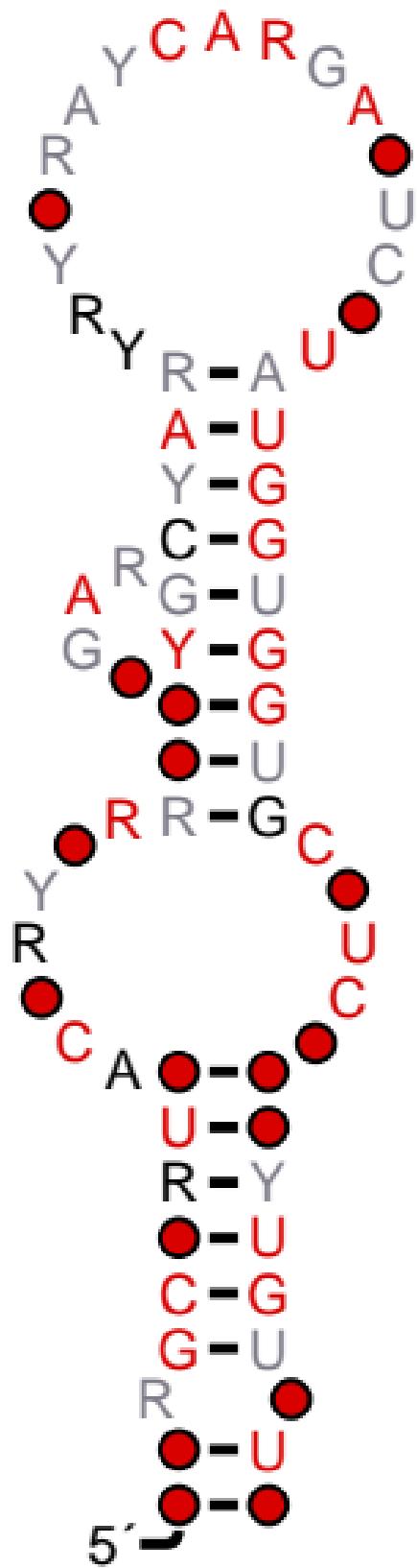
motif233-12989-13016_1



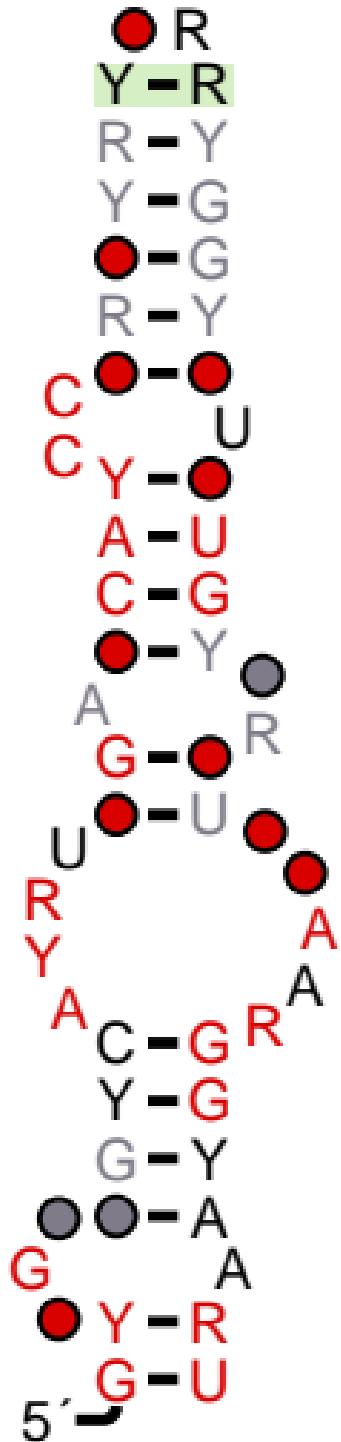
motif234-13035-13076_1



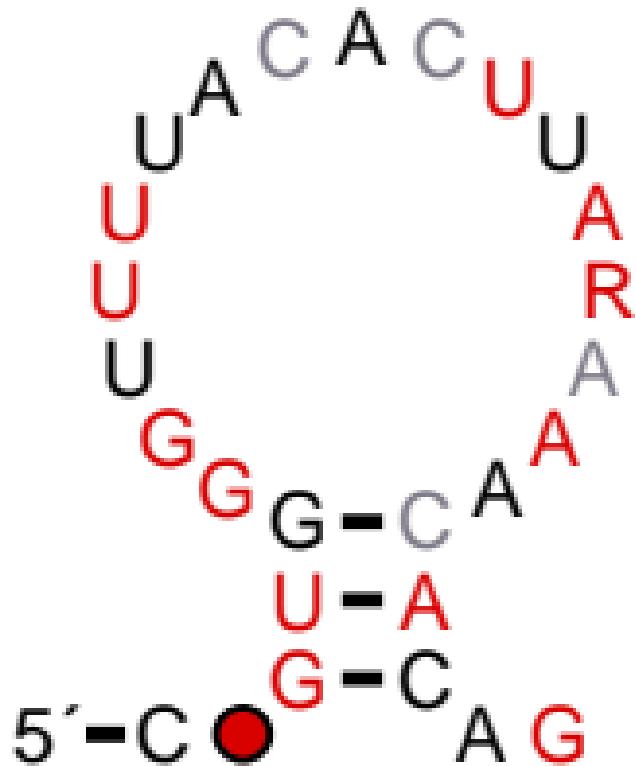
motif235-13181-13249_1



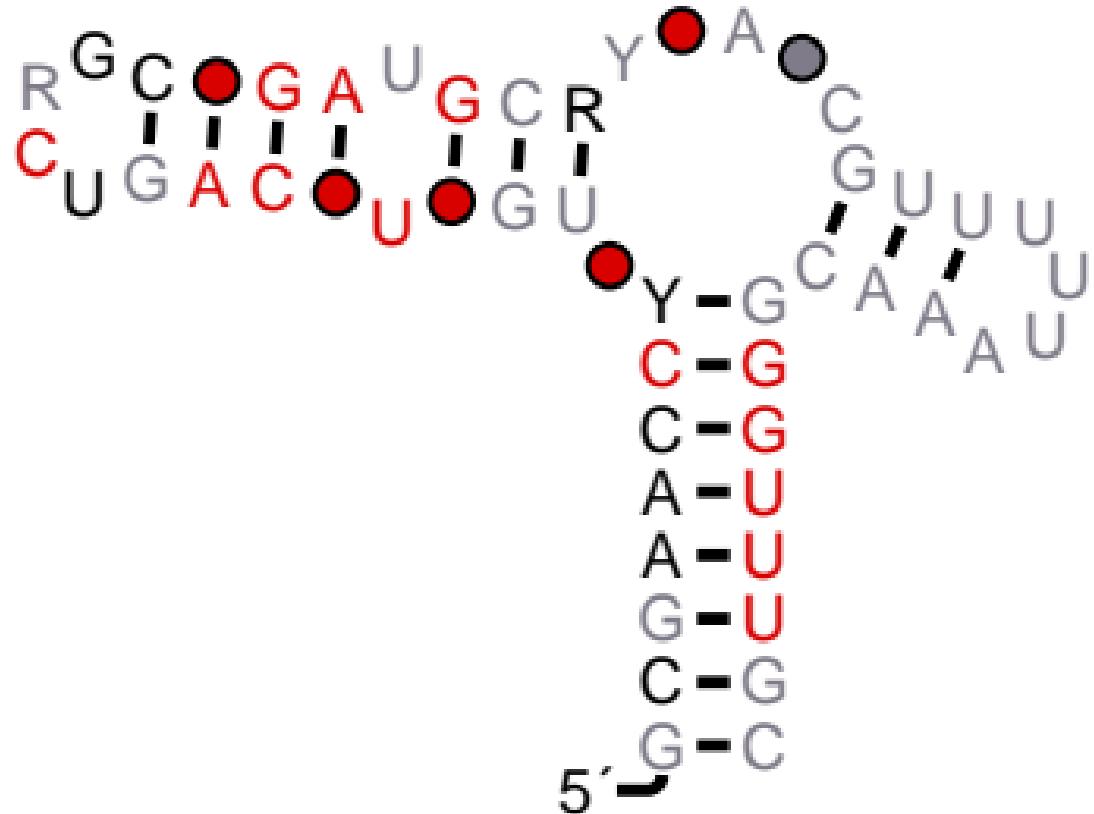
motif236-13254-13310_1



motif237-13344-13370_1



motif240-13425-13476_1



motif24-1113-1135_1

A A G
C - R
C - G
A - U
A - U
C - G
U - A
U - A
A A
U - A
5' C - G

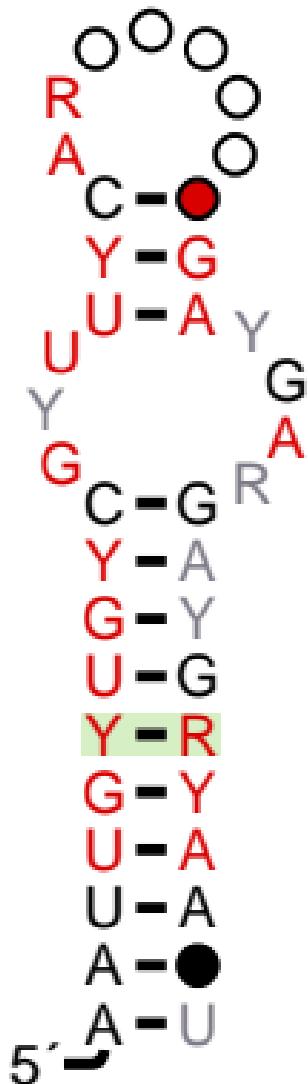
motif241-13477-13502_1

G C C
A C
C - G
U G - U
G - C
A - U
A - U
U - A
G - C
U - A
G - C
G - C
5'

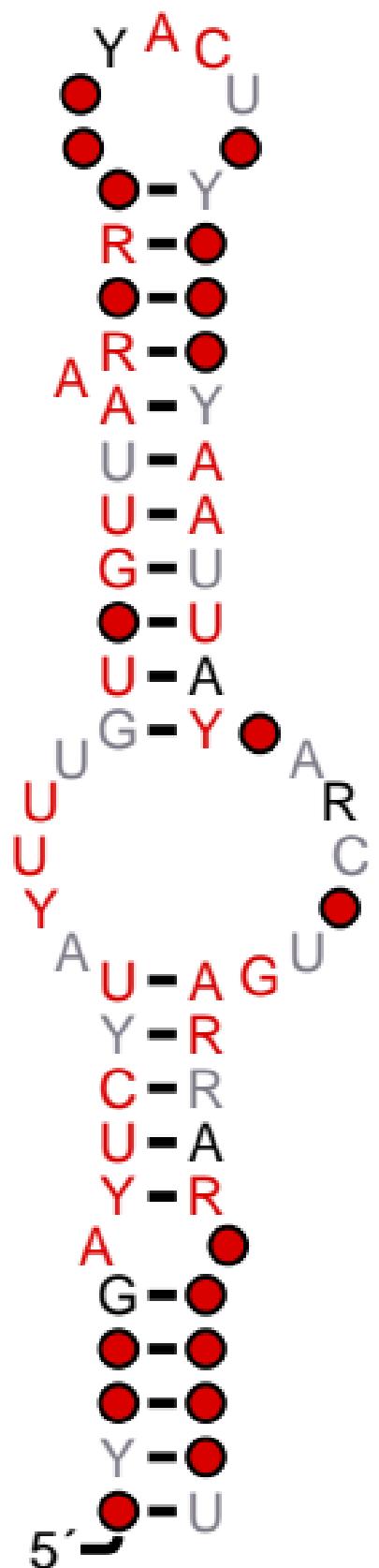
motif242-13503-13534_1

C U A G
A C G
C G U
G - C A
A - U
C - G A
A - U
C - G
G - U
G - C
C - G
G - U
U - R
G - U
5'

motif243-13594-13633_1



motif244-13635-13698_1



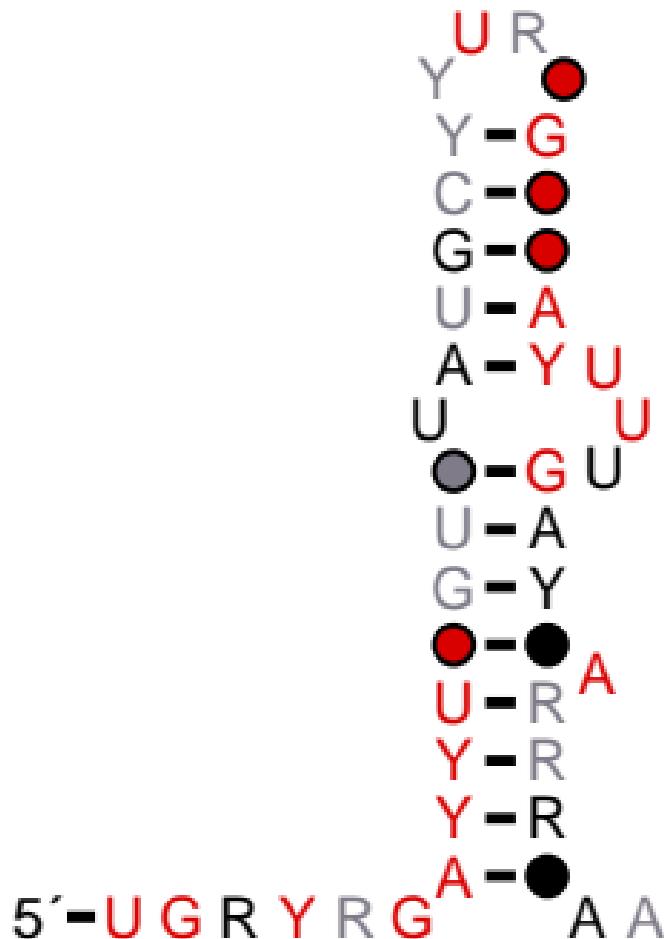
motif245-13707-13750_1



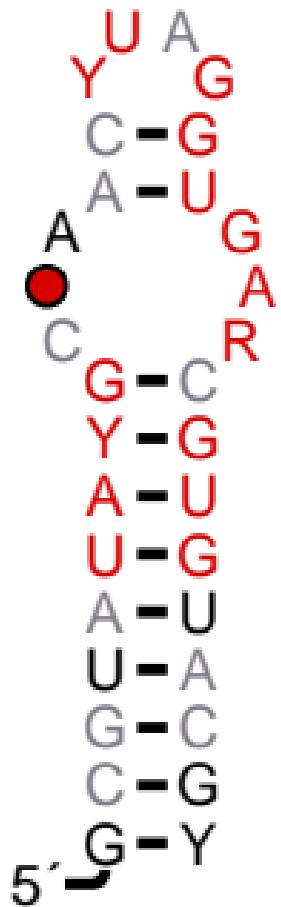
motif246-13751-13802_1

R C A
C C Y
C A
A = U
Y - ●
R - U
G - C
U - R
A C
Y - G
● - U
G - ●
U - A
G R
G C
● - G
A - U
G C
R - U
R C
● R - C
A - U
U - A
U - A
5'

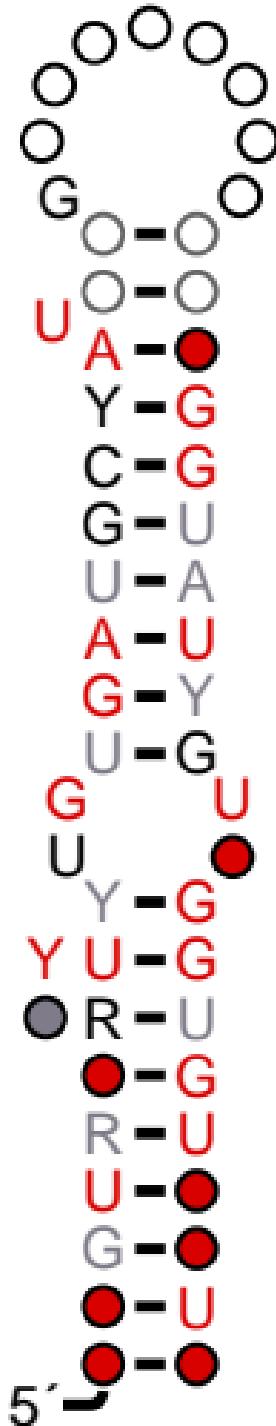
motif247-13811-13853_1



motif248-13958-13989_1



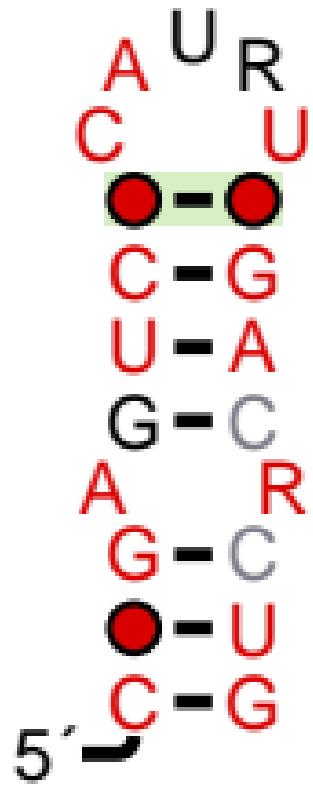
motif249-14006-14055_1



motif250-14072-14146_1



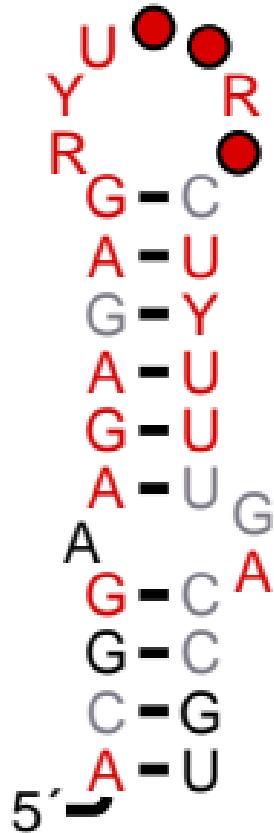
motif251-14198-14218_1



motif252-14221-14254_1

U U A
A A
Y - G
● - U
Y - G
● - G
C C - G
R A - A
A - U
A - U
A - U
C - G
R - U
● - U
U - R
Y - A
5'

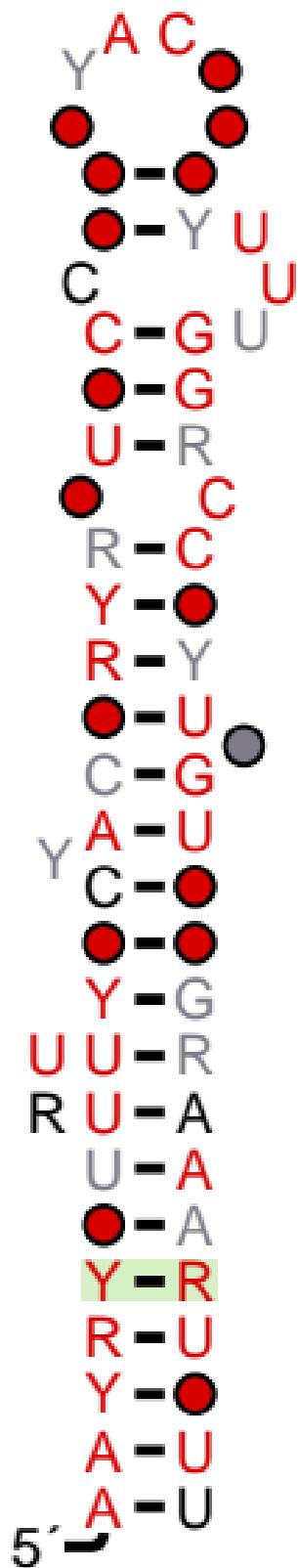
motif253-14266-14295_1



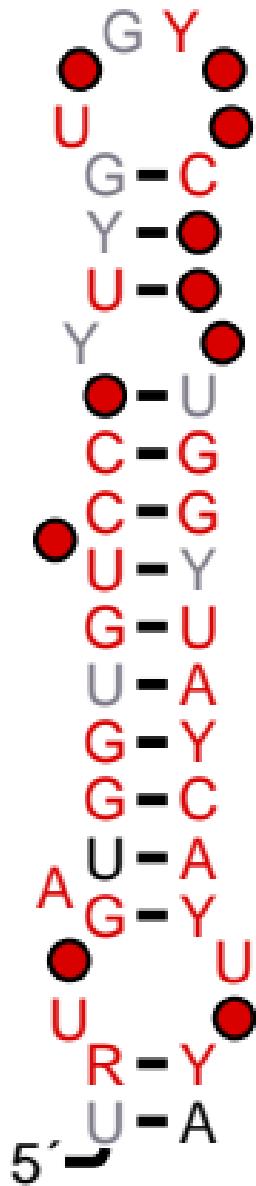
motif254-14326-14347_1

U U
R A
U - A
G - C
U U
U - G
A - U
A - U
● - U
C - G
C - G
5'

motif256-14380-14441_1



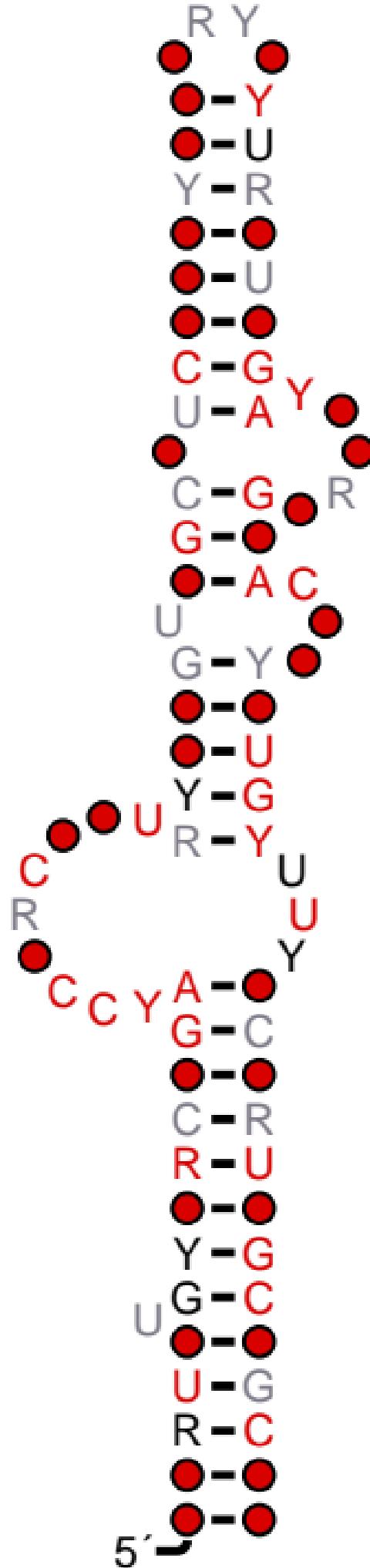
motif257-14442-14485_1



motif258-14487-14532_1

U C A
A G
A G
U-A
A-U
C-G
A-U
U-A A
G A
U U C
G-U
●-A
G-C
G A
A-U
U-A
Y-G
G-C
A-U
G-C
●-●
5'

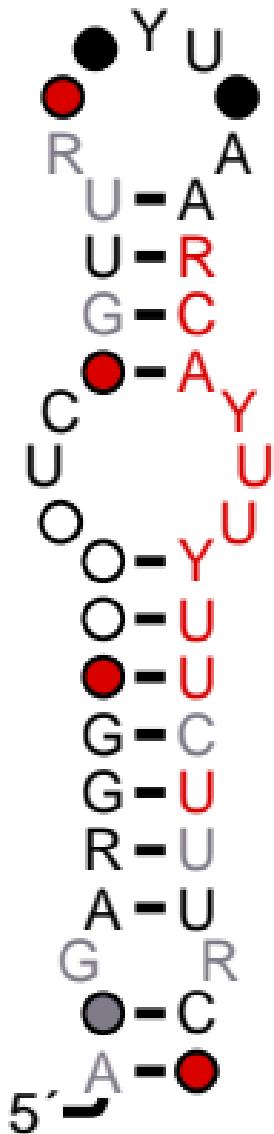
motif260-14557-14641_1



motif26-1155-1180_1

C G A U
U C
U U
A A - U G
G - C
A - U
U - A
G - U
G - C
G - C
U - A
5'

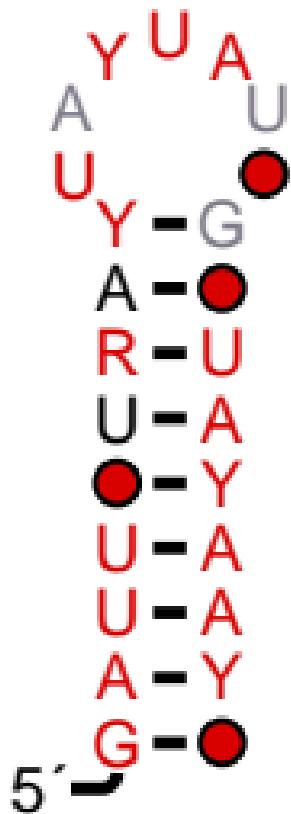
motif262-14729-14769_1



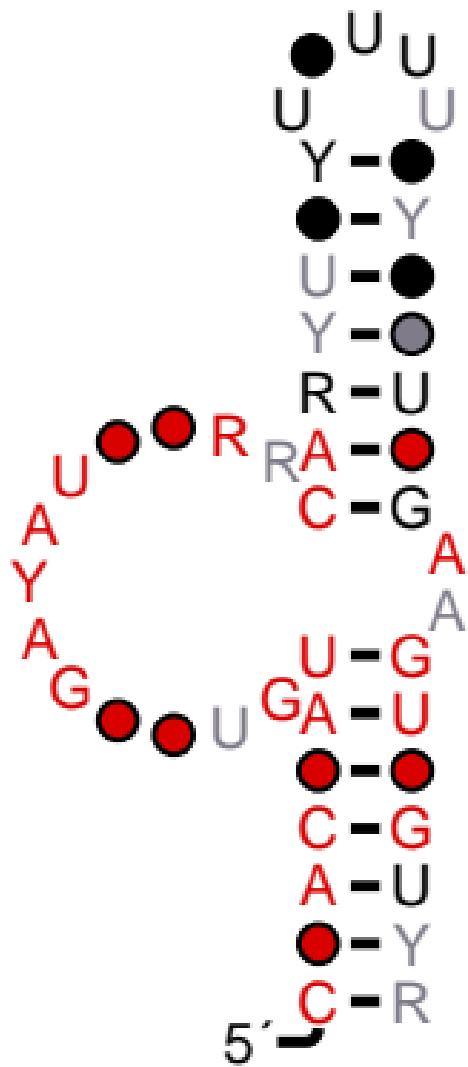
motif263-14773-14790_1

UG
A C
A-U
U-G
G-C
G-U
5'-GAU AUY

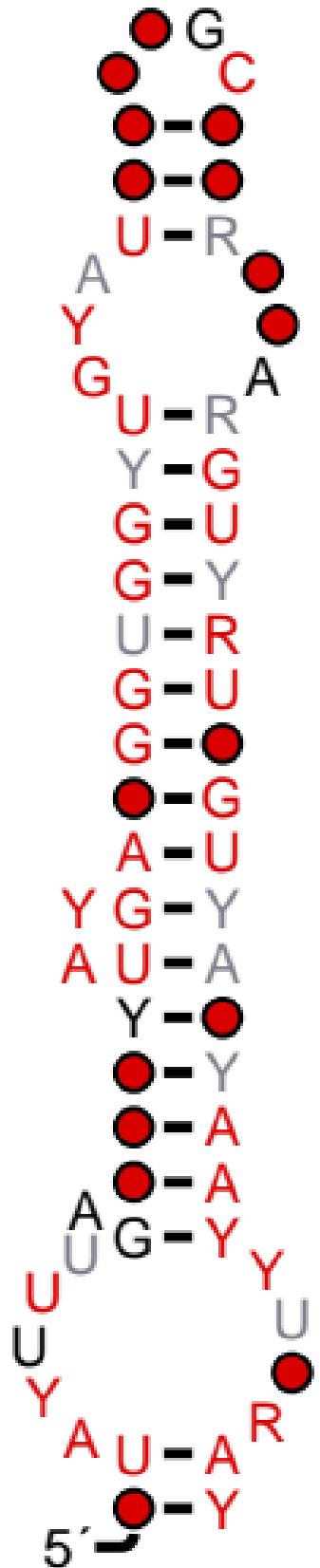
motif264-14794-14818_1



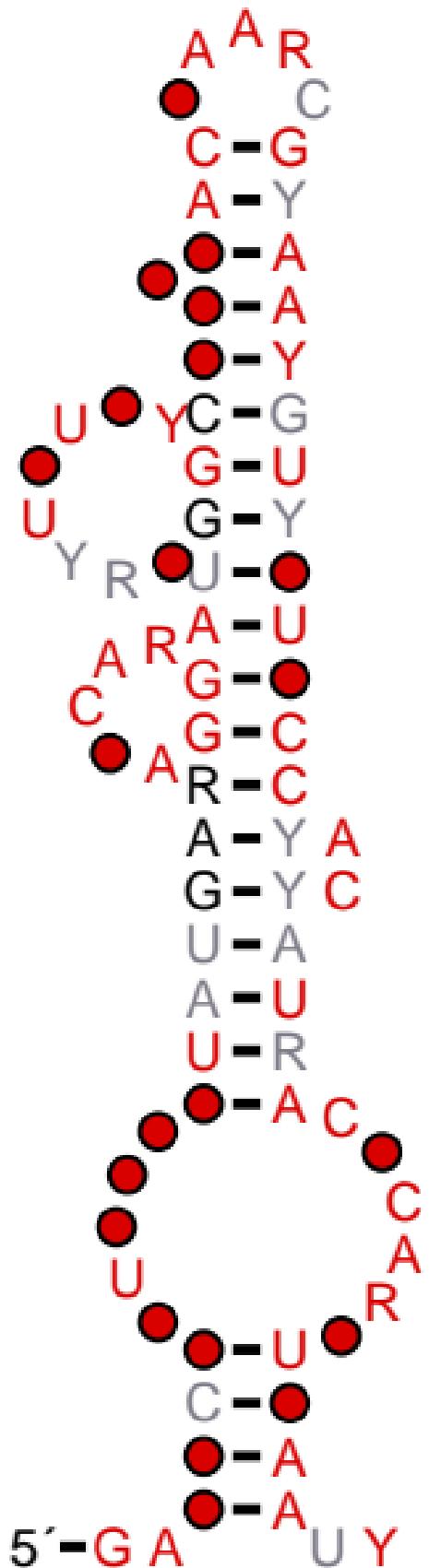
motif265-14822-14869_1



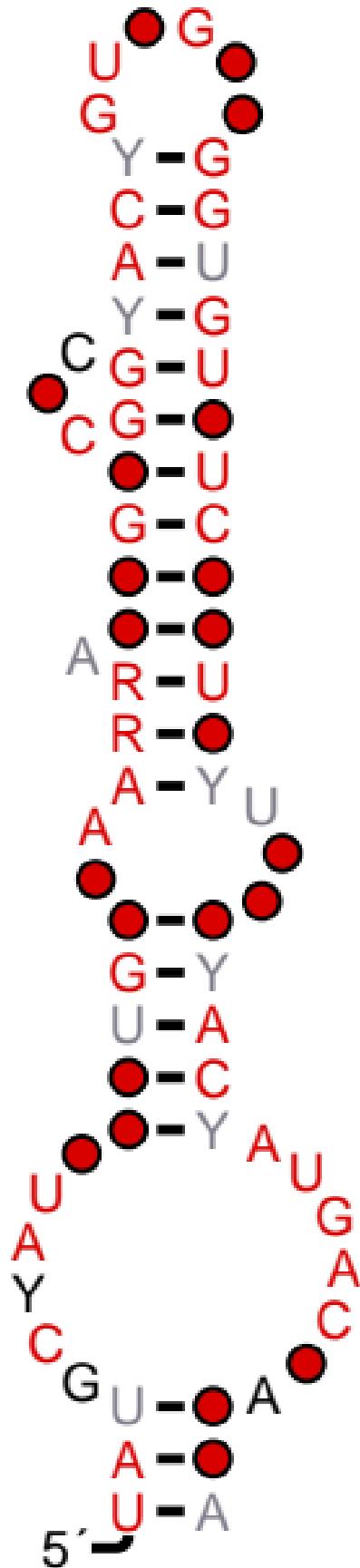
motif266-14874-14937_1



motif267-14989-15070_1



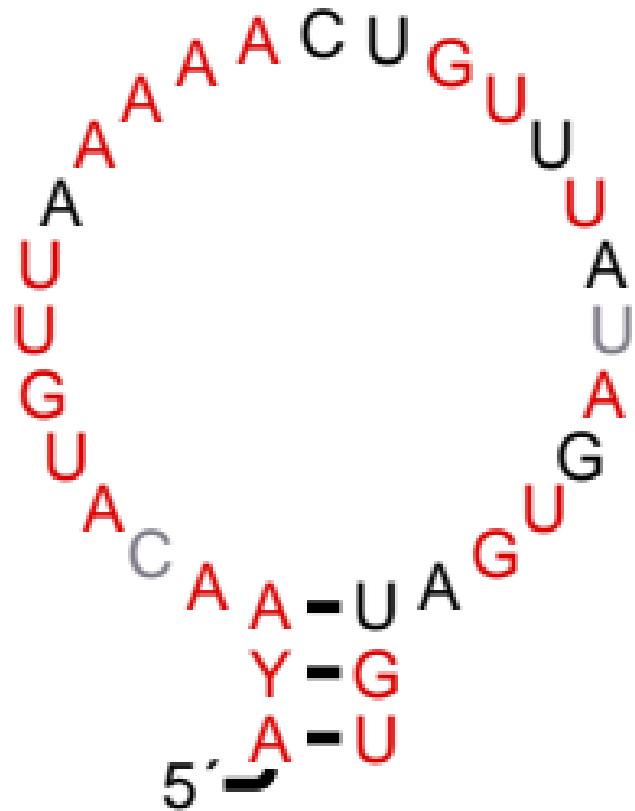
motif268-15076-15145_1



motif270-15178-15231_1



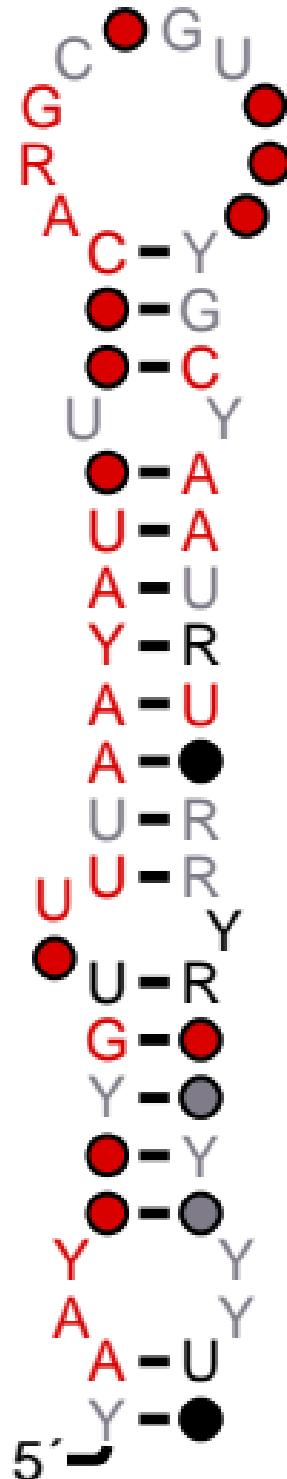
motif271-15236-15266_1



motif27-1181-1204_1

C A
C A
A - U
C - **G** A
U - A
R - **U**
C - **G**
G - C
U - A
U - A
5' **G - C**

motif273-15510-15564_1



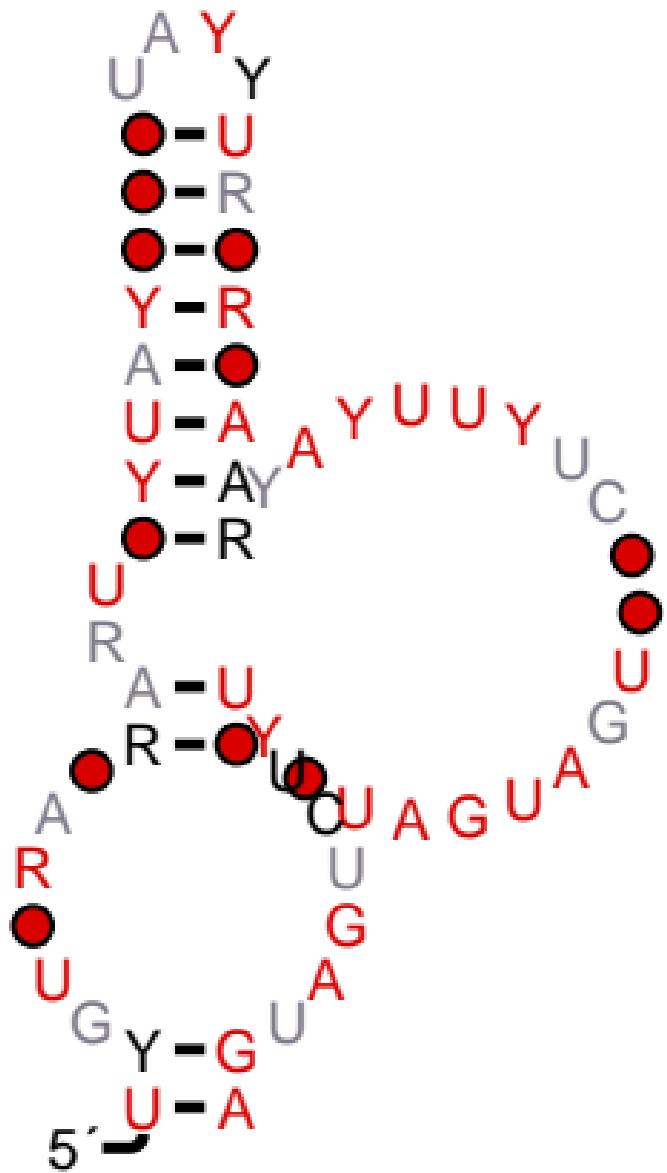
motif274-15569-15617_1

 G U
A A
A - U
Y - G
A - U
G - Y
Y C
C - G
G - C
● - A
U - A
A - U
R - Y
Y A A - U ●
A C
A A
U A
GG - C
U - A
G - Y
U - A
5' C - G

motif275-15629-15648_1

G A
A A
U-A
A-U
U-A
C-G
U-R
C-G
U-A
G-U
5'

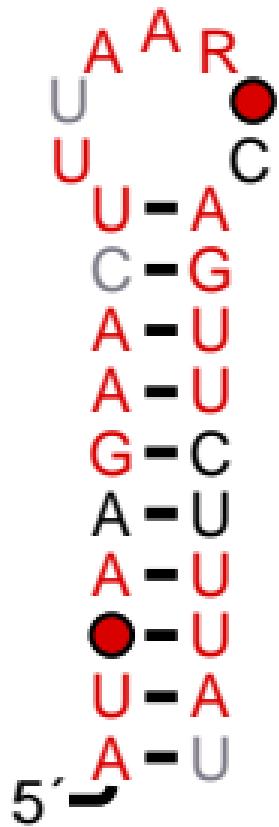
motif276-15662-15722_1



motif277-15724-15744_1

UGU
G U
GU U
G-Y
U-A
U-A
G-U
U-A
C-G
G-C
5'

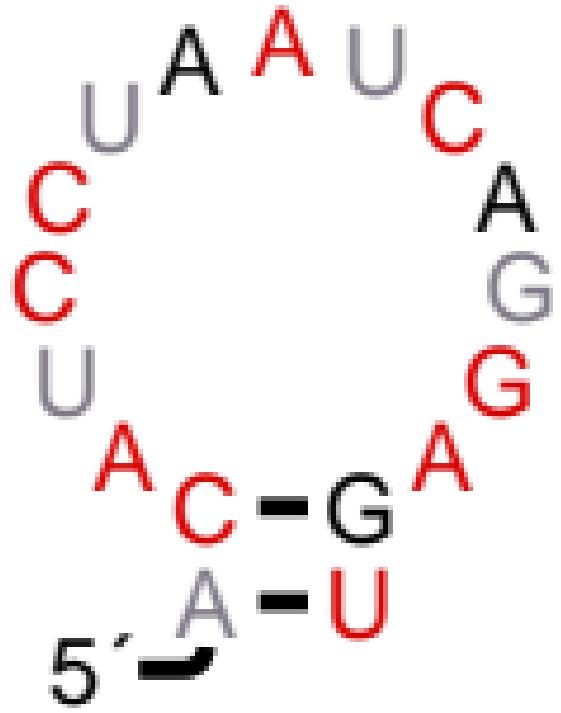
motif279-15775-15801_1



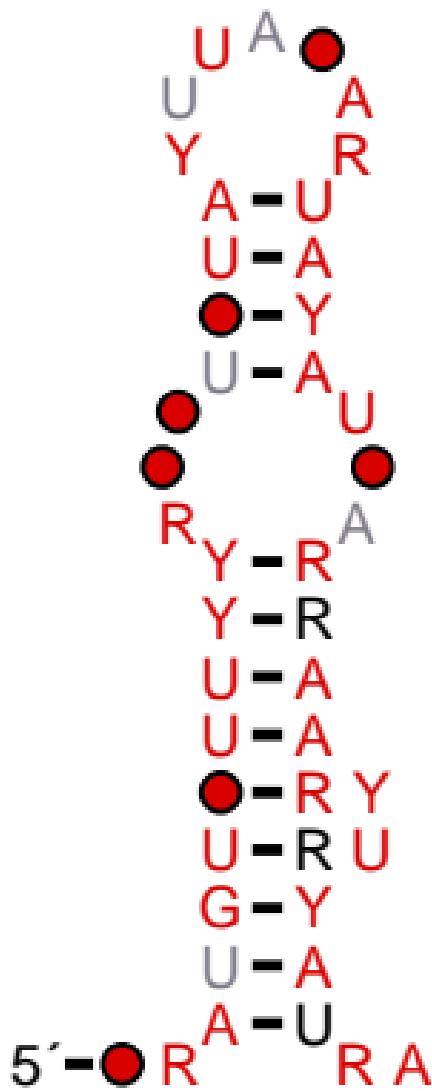
motif280-15813-15831_1

U^G U
A C
U U
U-G
U-A
Y-R
U-G
G-C
5' U-●

motif281-16053-16069_1



motif282-16074-16118_1



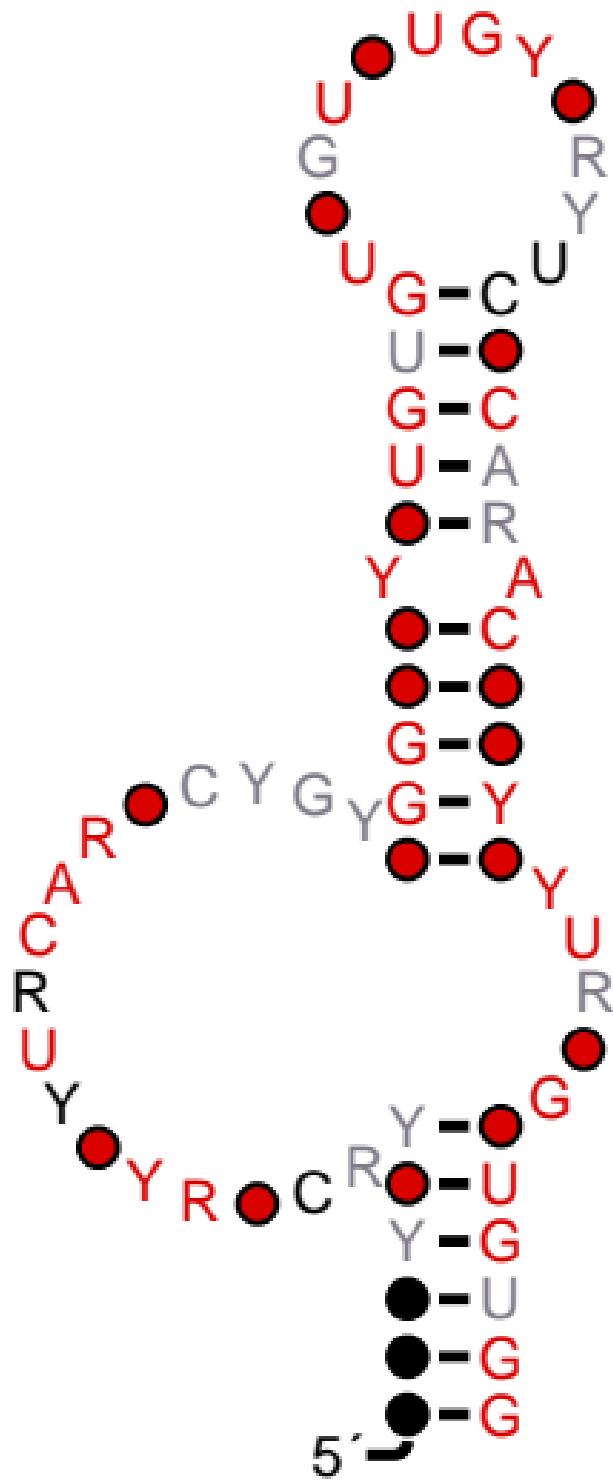
motif283-16119-16162_1

U^R G
Y - A
G - C
U - A
● - Y
Y - ●
A - U
C A
● - U
G - ●
G - ●
R - U
C - G
A - U
● - ●
U - A U
Y - G
● - Y
A - U
G - ●
● - ●
5'

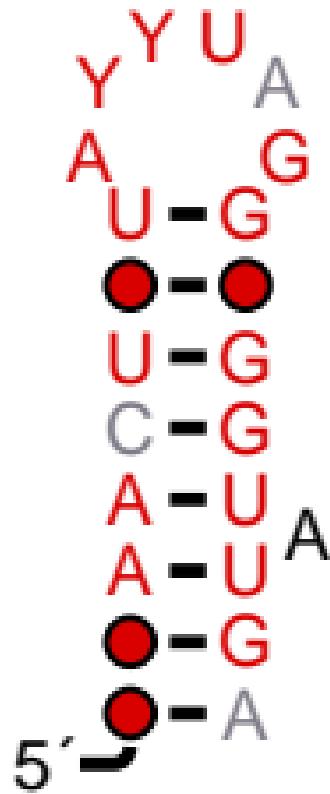
motif284-16174-16198_1

U G G
U G
A A
U - A
G - C
G - C
A A - U
C U - G
U - A
C - G
5' A - U

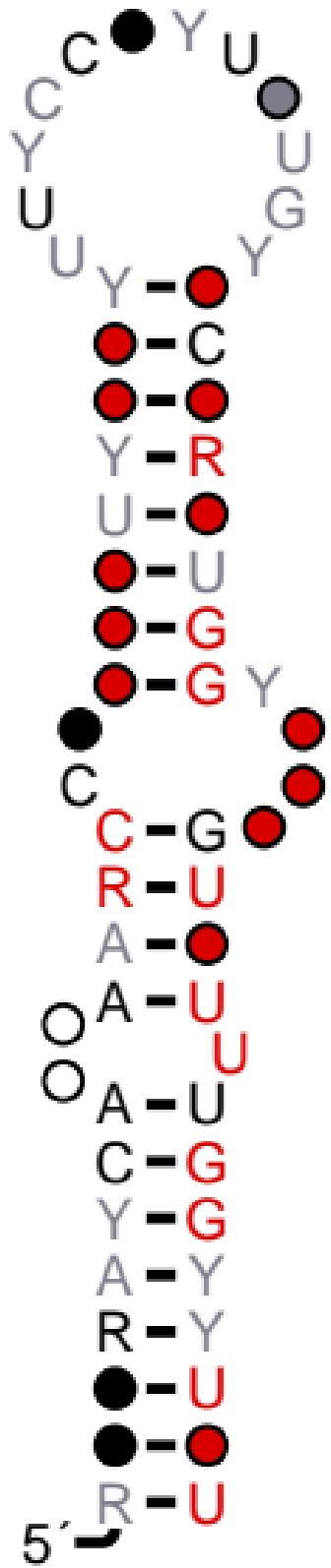
motif285-16219-16286_1



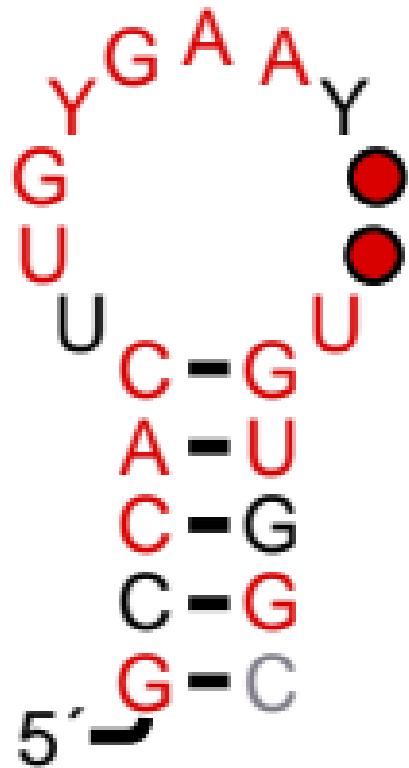
motif286-16419-16441_1



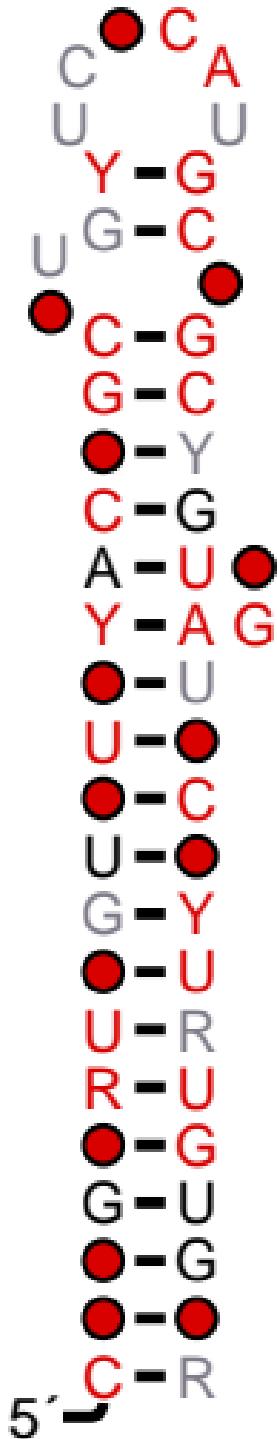
motif287-16451-16513_1



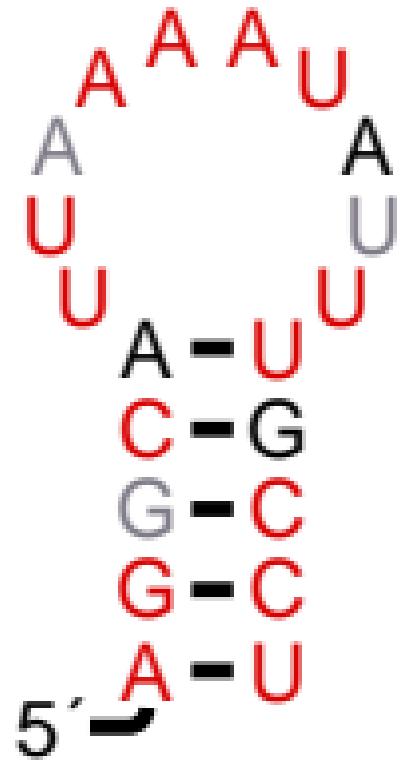
motif29-1280-1300_1



motif296-17141-17193_1



motif297-17195-17214_1



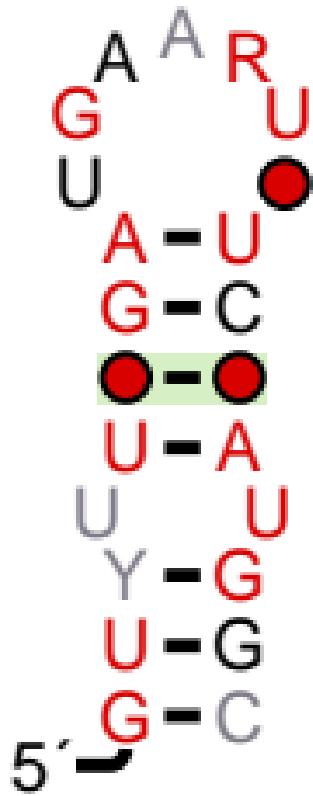
motif298-17240-17257_1

 G C
U U
G - C
C - G
A - U
C - G
G - U
U - A
5' - C - G

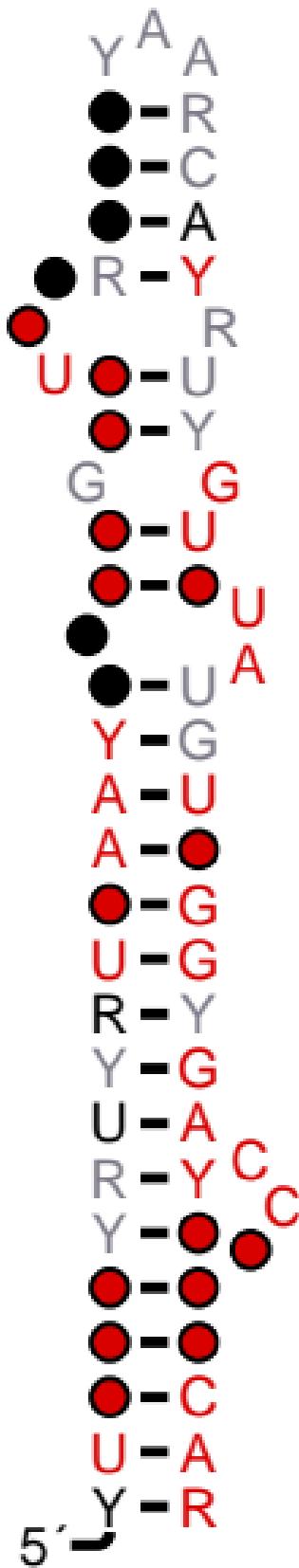
motif299-17263-17294_1

A G
A - U
C - G
U - A
U - A
A - U
A - U C A
A
U A - U A C A
G - U
U - A
U - G
U - A
5' -

motif301-17350-17372_1



motif302-17386-17448_1



motif304-17480-17514_1



motif305-17516-17536_1

A A A
A C
G-U
U-A
A-U
U-A
U-G
C-G
A-U
G-C
5'

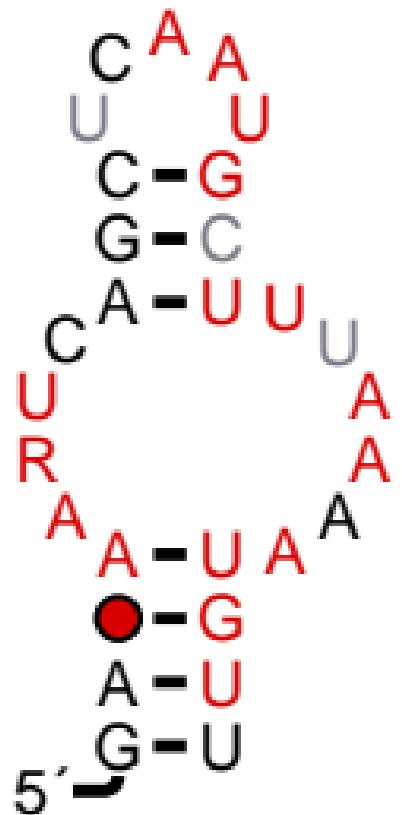
motif306-17539-17560_1

U Y
C G
C - G
U - A
U - A
G - C
U U
A - U
C - G
A - U
G - C
5'

motif307-17594-17626_1



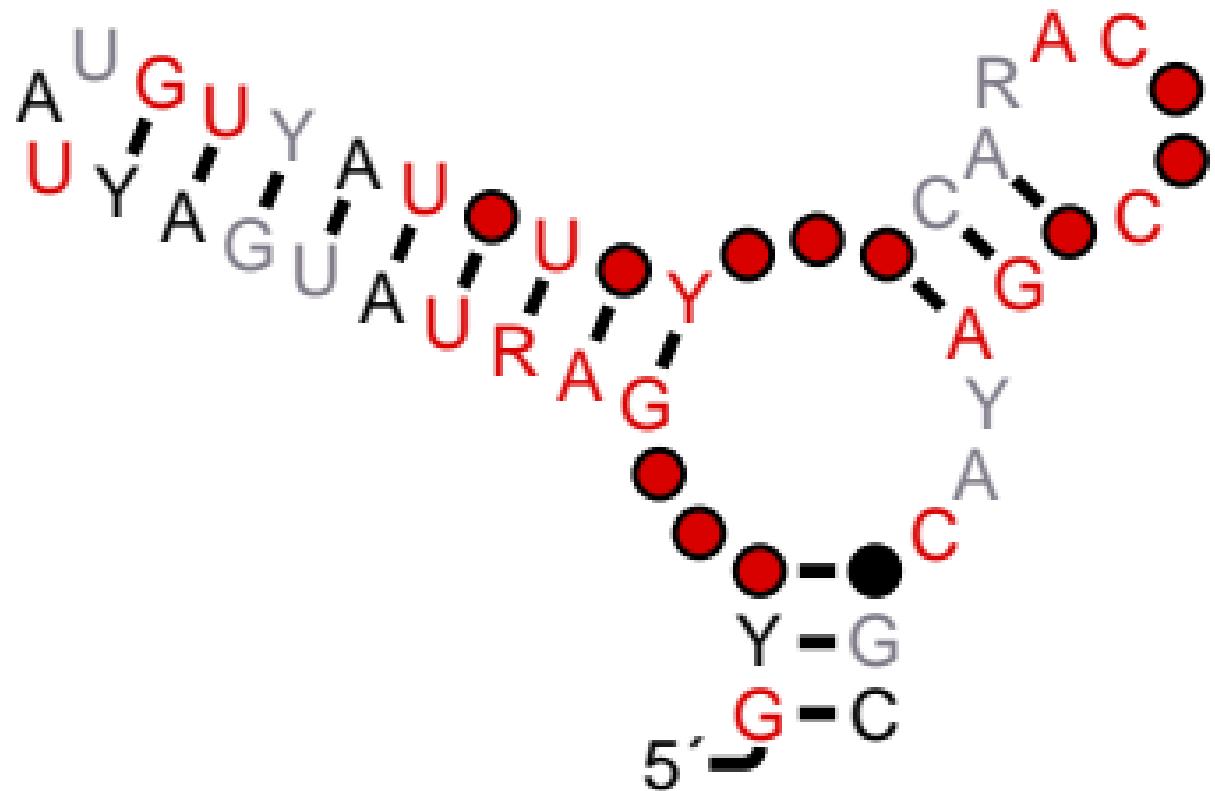
motif308-17632-17660_1



motif309-17679-17696_1

U[●]U
G-C
U-A
A-U
U G-C
A-U
C-G
R-C
5'

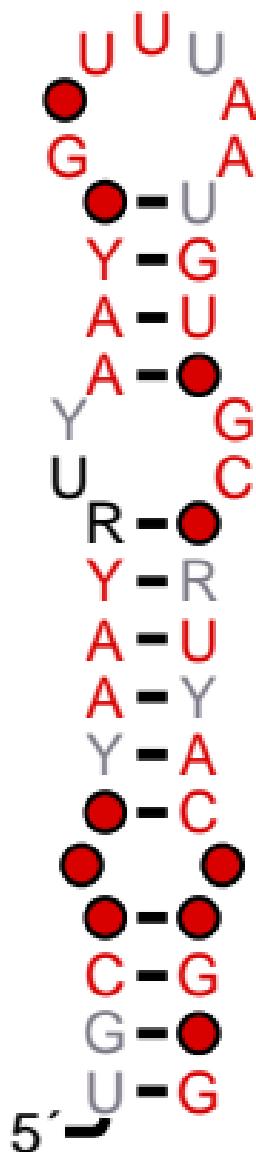
motif311-17849-17894_1



motif31-1584-1618_1

U A A
U U
C - G
A A G U - A
A G - C
G Y C U - A
U - A
G - C
G - C
A - U
A - U
G - C
A - U
G - U
5'

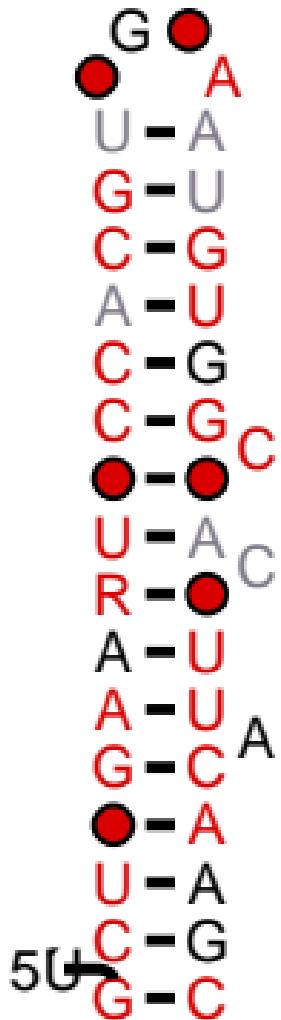
motif312-17898-17938_1



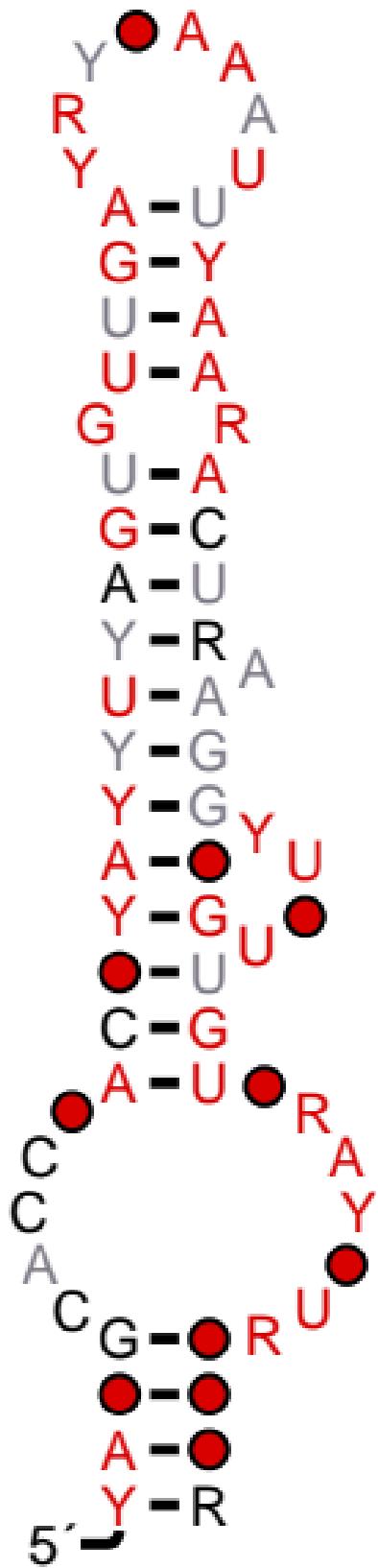
motif314-17954-17987_1

U A
A G
G G
U - R
C - G
U - A
G - Y Y
U U
A - Y U
A - U
U - A
A - U
C - G
G A
U Y
● - A
U - A
5'

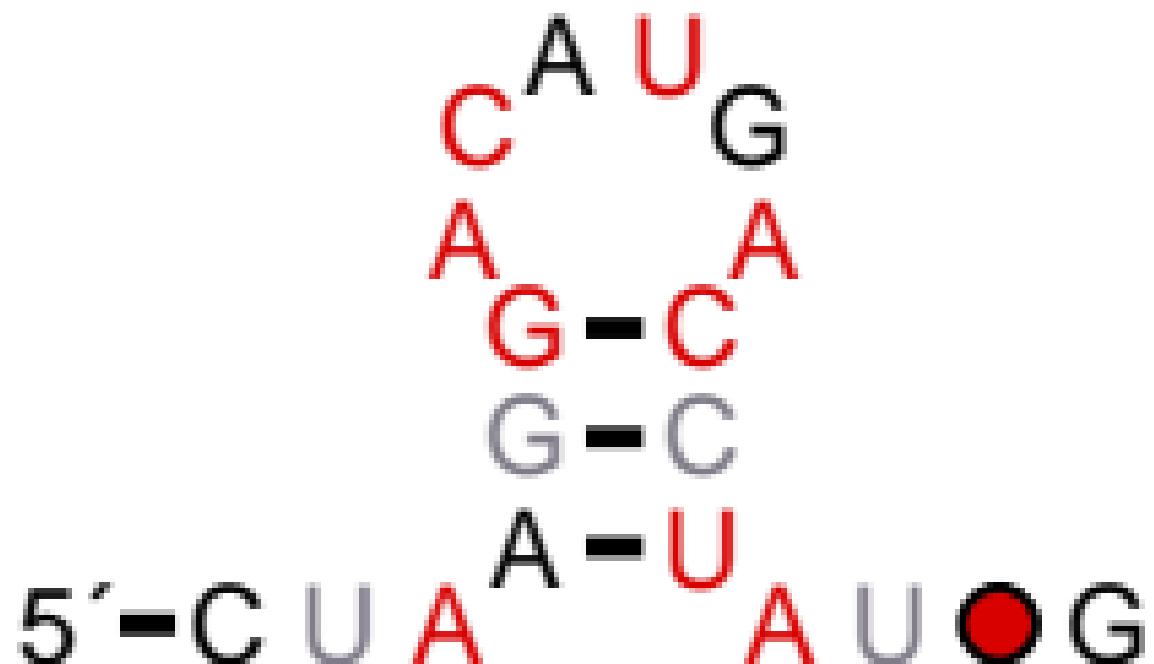
motif315-18002-18041_1



motif316-18103-18169_1



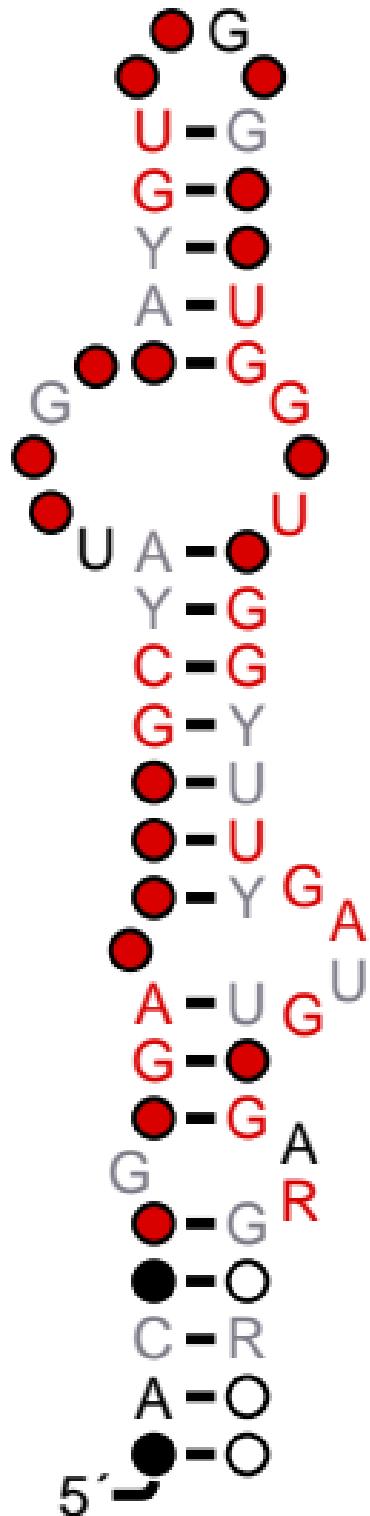
motif317-18176-18194_1



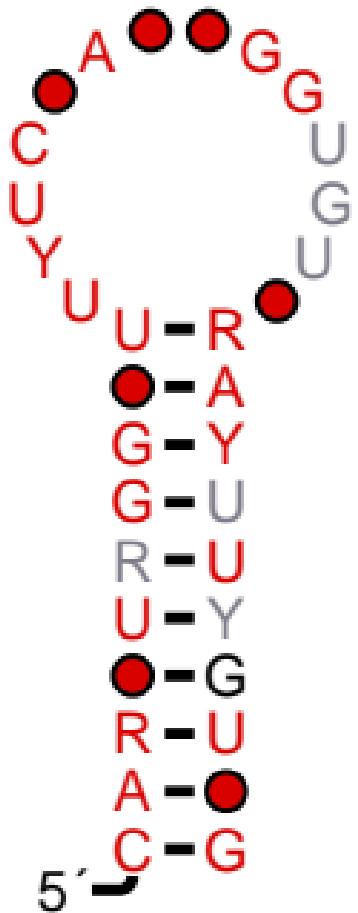
motif318-18195-18219_1

C Y A
U ●
Y - R
U - A
A - U
Y - G
U - G
Y - G
A - U
G - U
A - U
● - U
5'

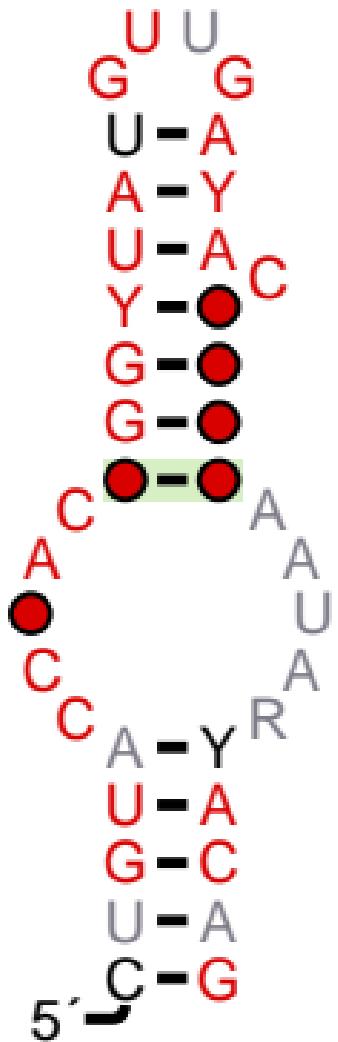
motif319-18261-18320_1



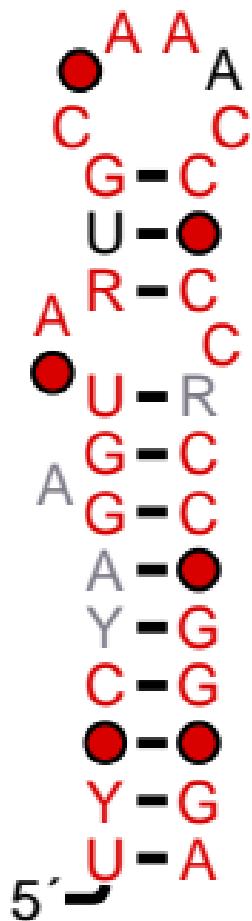
motif321-18361-18394_1



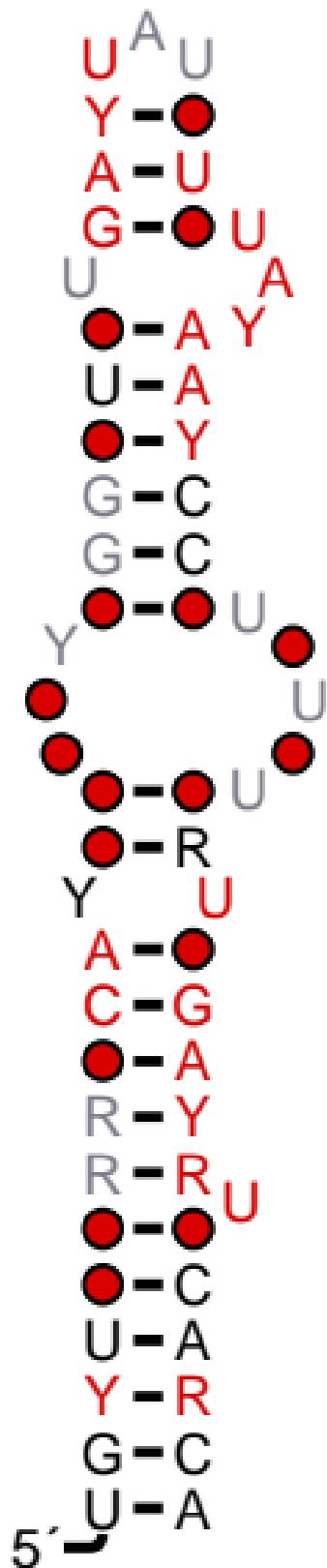
motif322-18395-18433_1



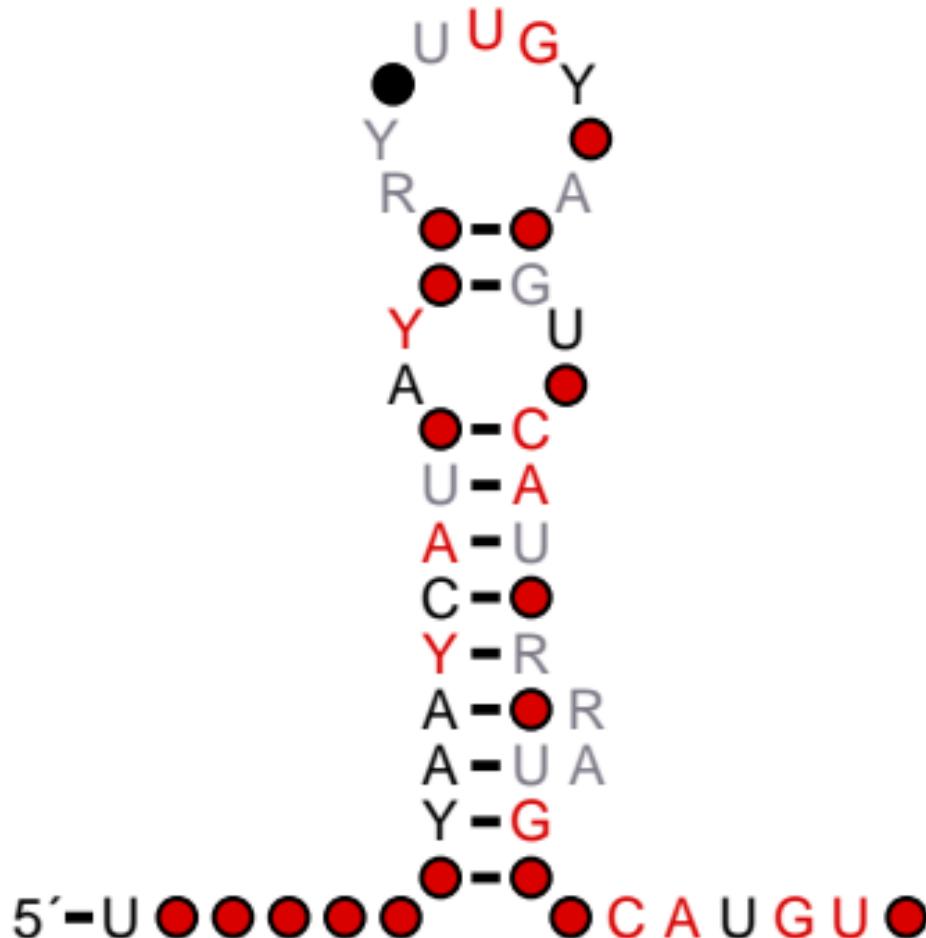
motif323-18437-18470_1



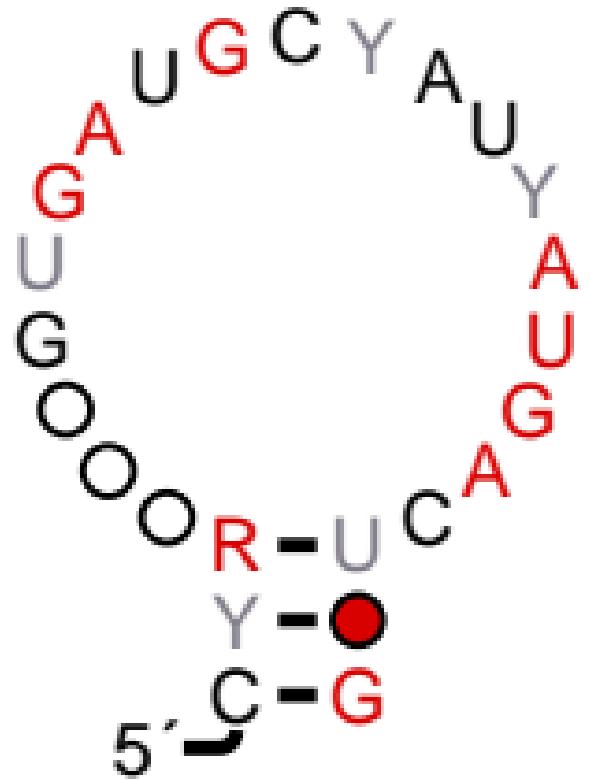
motif324-18715-18776_1



motif325-18797-18846_1



motif326-18848-18872_1



motif327-18940-19027_1



motif328-19062-19110_1

R
A U
A - U
G - C
G - U
U - A
R - Y
A G
G A
A - U
U - G
G - C
● - ●
A G - C
U - A
C - G C
G - C
R - ●
A - U
C - G
● U
C A
C - G
R - U
5'

motif329-19120-19150_1

A A Y U
G
R - U
A - U
G - C
A - U
U - A
A - U
A - U C
A - Y
A - U
Y - A
A - U
U - G
5'

motif330-19153-19181_1

A A U U
A U
Y C
A A
G - C
U - R
● - G
Y - A
U U
A G
C - G
A - U
C - G
A - U
5'

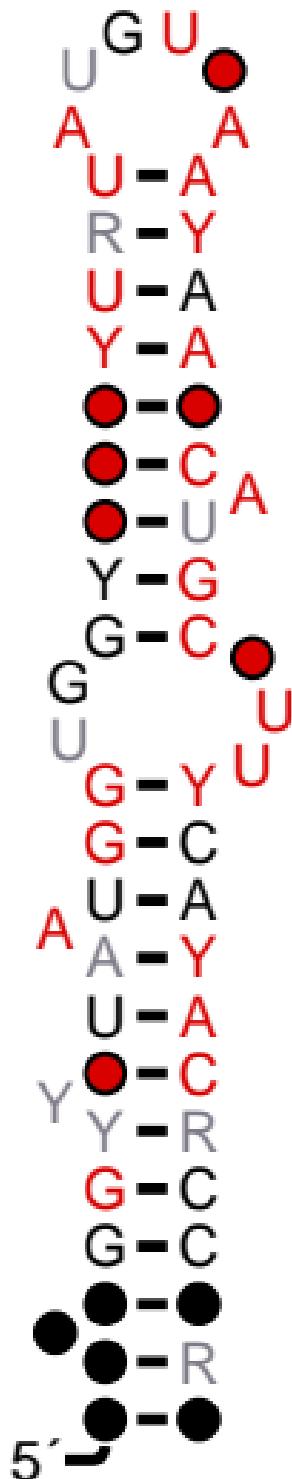
motif331-19192-19228_1



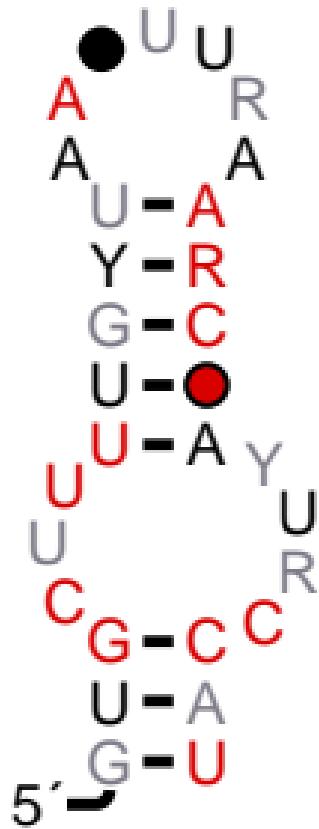
motif33-1637-1666_1

U A
A U
A - U
C - G
U U
A - U
C - G
A G
A - U
C - G
U - A
G - C
A - U
A - U
A - U
5'

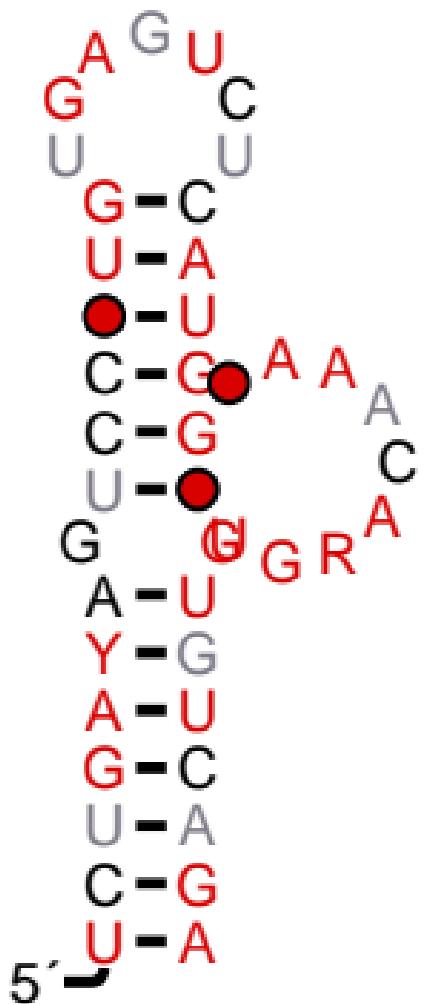
motif332-19272-19328_1



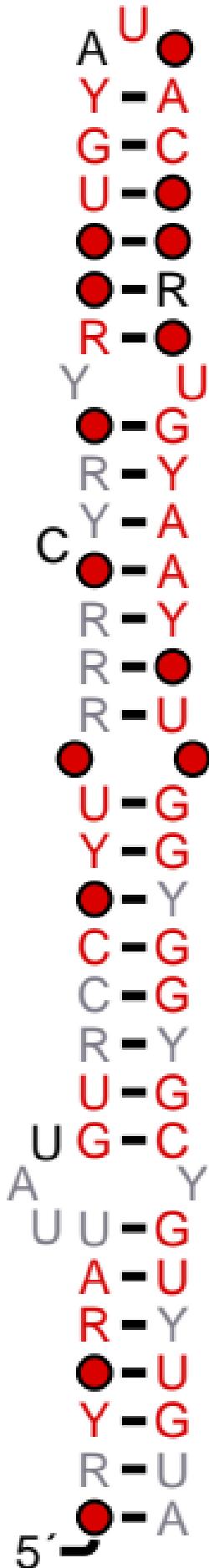
motif333-19340-19369_1



motif334-19381-19424_1



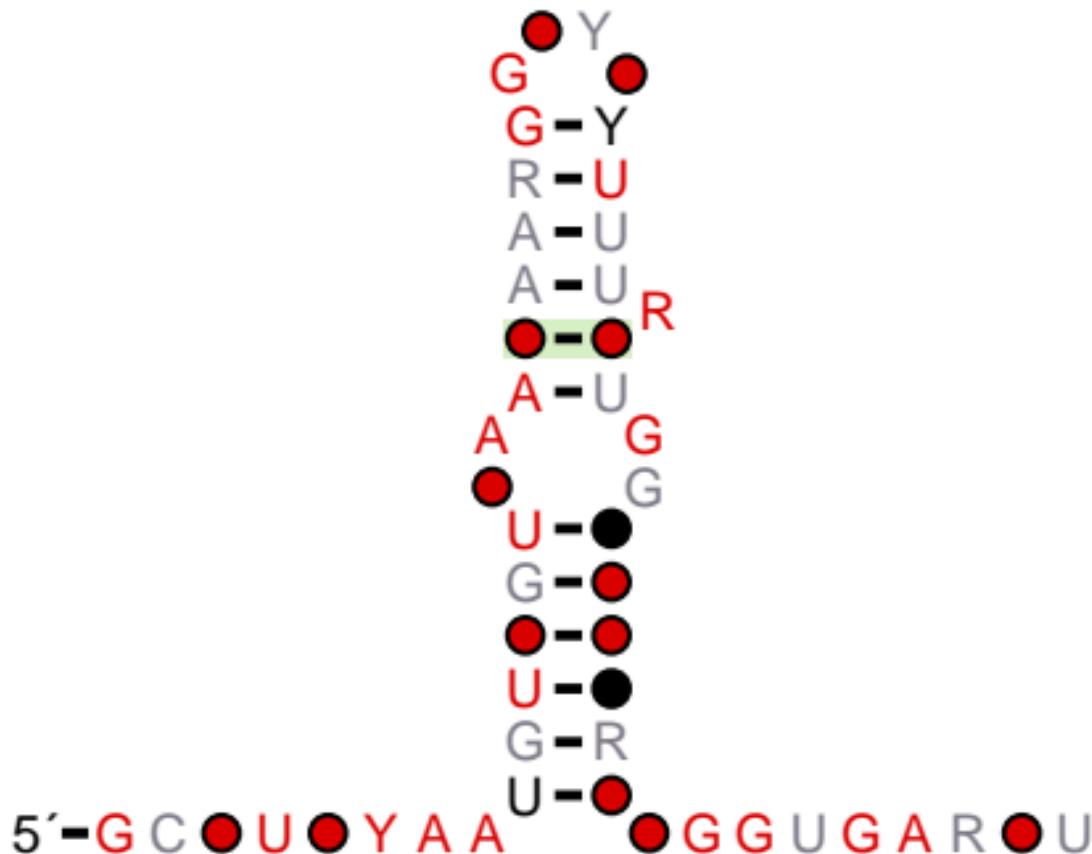
motif335-19425-19492_1



motif336-19493-19545_1

● G U
Y - A
A - Y
G - Y
● - U ●
C - G A
A - U
U - G
R - C
A - ●
G - U
U - A
A - U A
● C G - Y A
U - A
A - U
C - G
U - A
A - U
C - G
A - U A
G - Y
5'

motif337-19636-19685_1



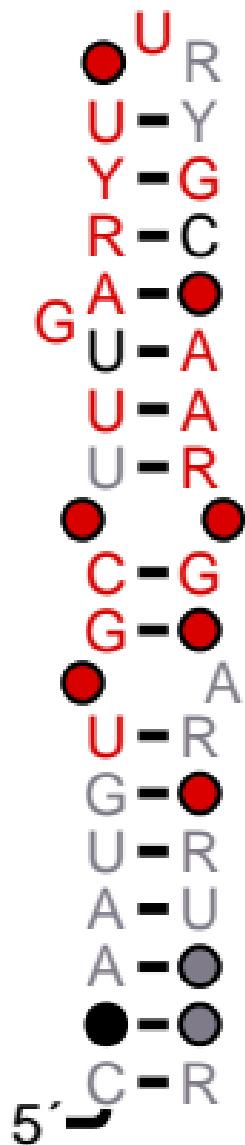
motif338-19694-19741_1

C A A
R R
Y - G
A - U
U ●
● - G
U - A
G - U
U - R
C - R
R - U
Y - R
U A A - ●
A - U
U - ●
● - ●
A - U
Y - G
U A - U
Y - ●
Y - R
5'

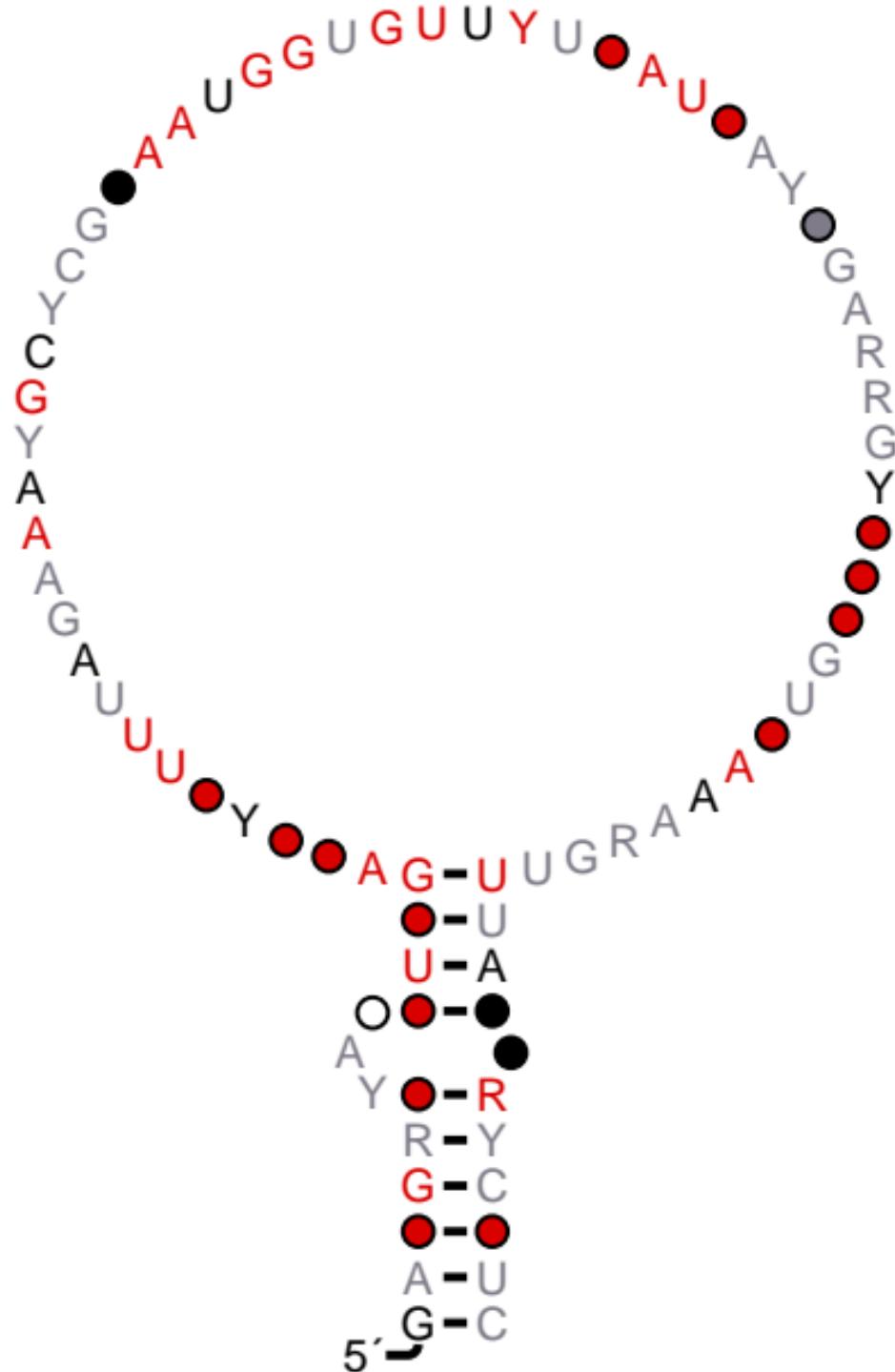
motif339-19744-19762_1

R A A
A U
G A
U-A
U-A
U-A
G-C
U-A
U-A
5' - U-A

motif340-19772-19811_1



motif341-20002-20081_1



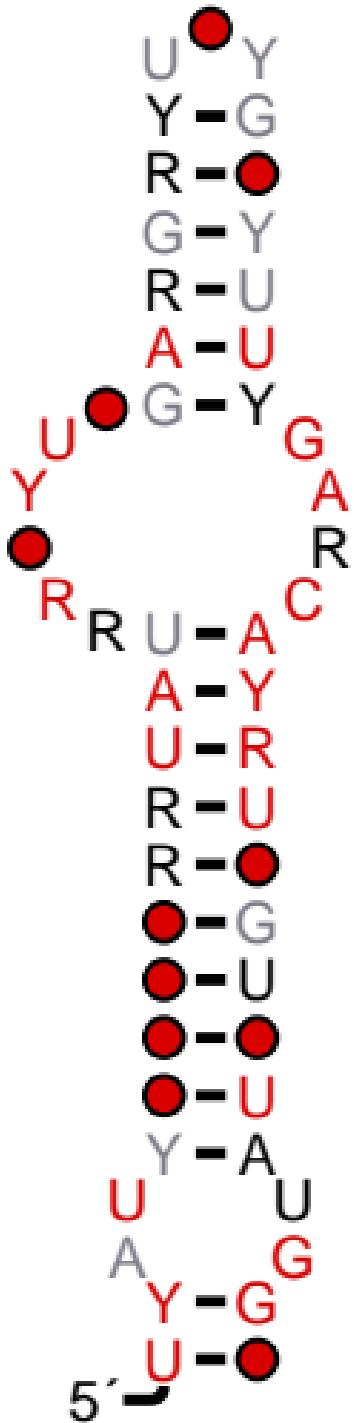
motif34-1676-1706_1

Y A U U
U U
A - U
C - G
C - G
Y G - C
U - A
R - U
G - C
A - U
G - U
A - U
A - U
G - U
5'

motif342-20236-20260_1

U G G A
A A
A - U
A - U
C - G
U - A
G - U
A - U
G - U
G - C
A - U
5'

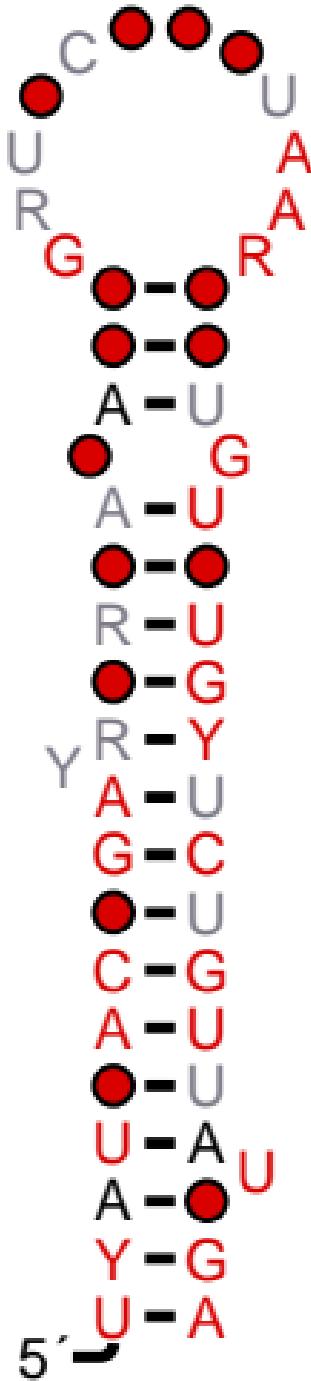
motif343-20282-20334_1



motif344-20339-20383_1

Y U
G G-C
Y-A
G-U
G-Y
U-U
Y-A
R-●
A-U
C-G
●-A
G-U
R-●
U-G
A-C-G
U-●
G-Y
A-U
U-A
5'-U-G

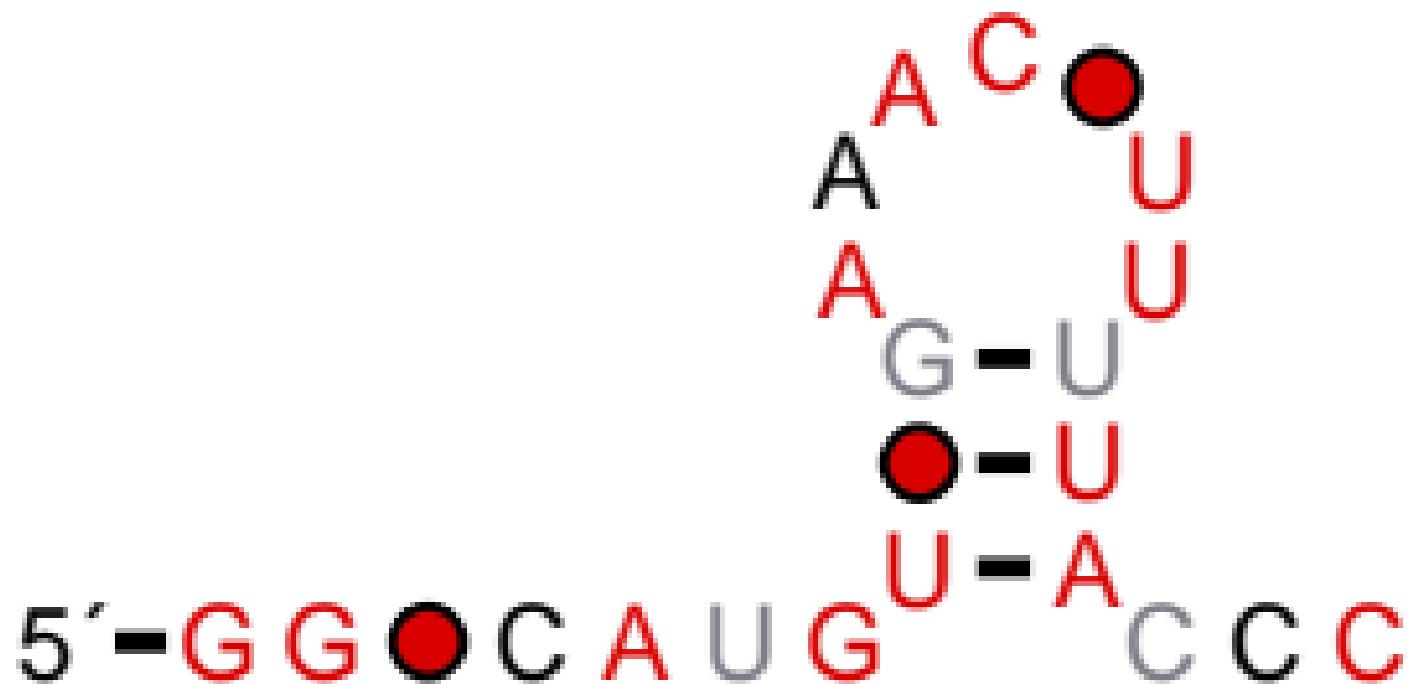
motif345-20456-20507_1



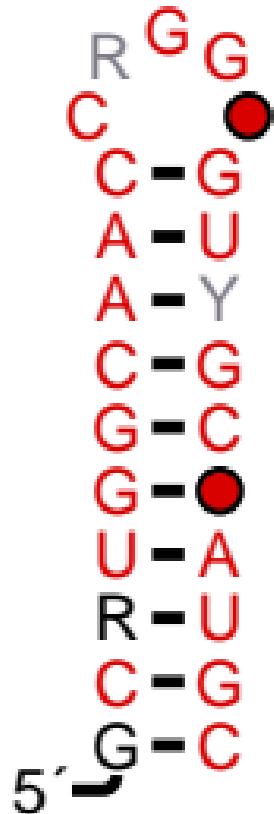
motif346-20515-20548_1



motif348-20626-20648_1



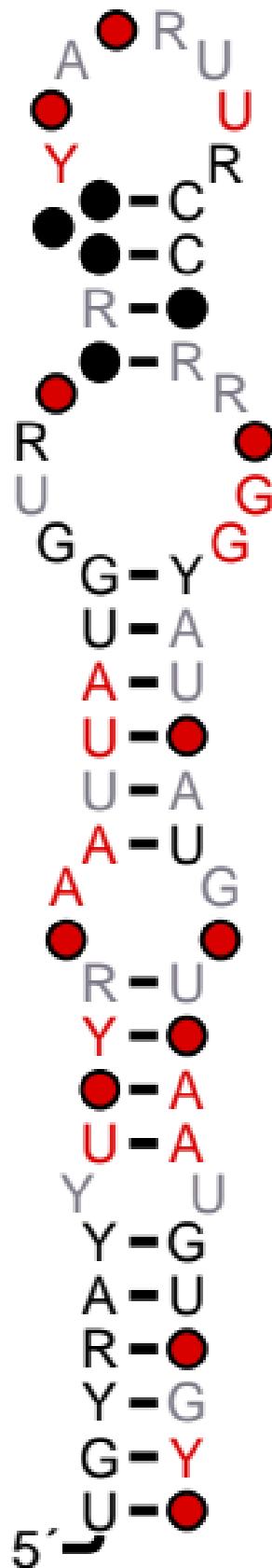
motif349-20668-20692_1



motif350-20697-20715_1

A A A A U U
C G
A C
U A
U A
U C - G A
5' U - A

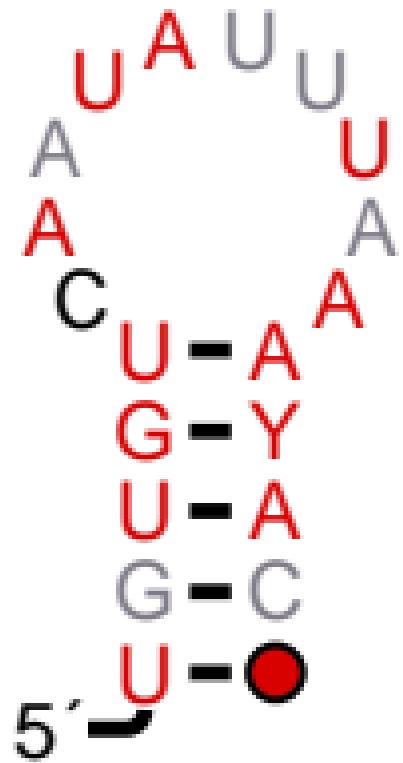
motif351-20731-20793_1



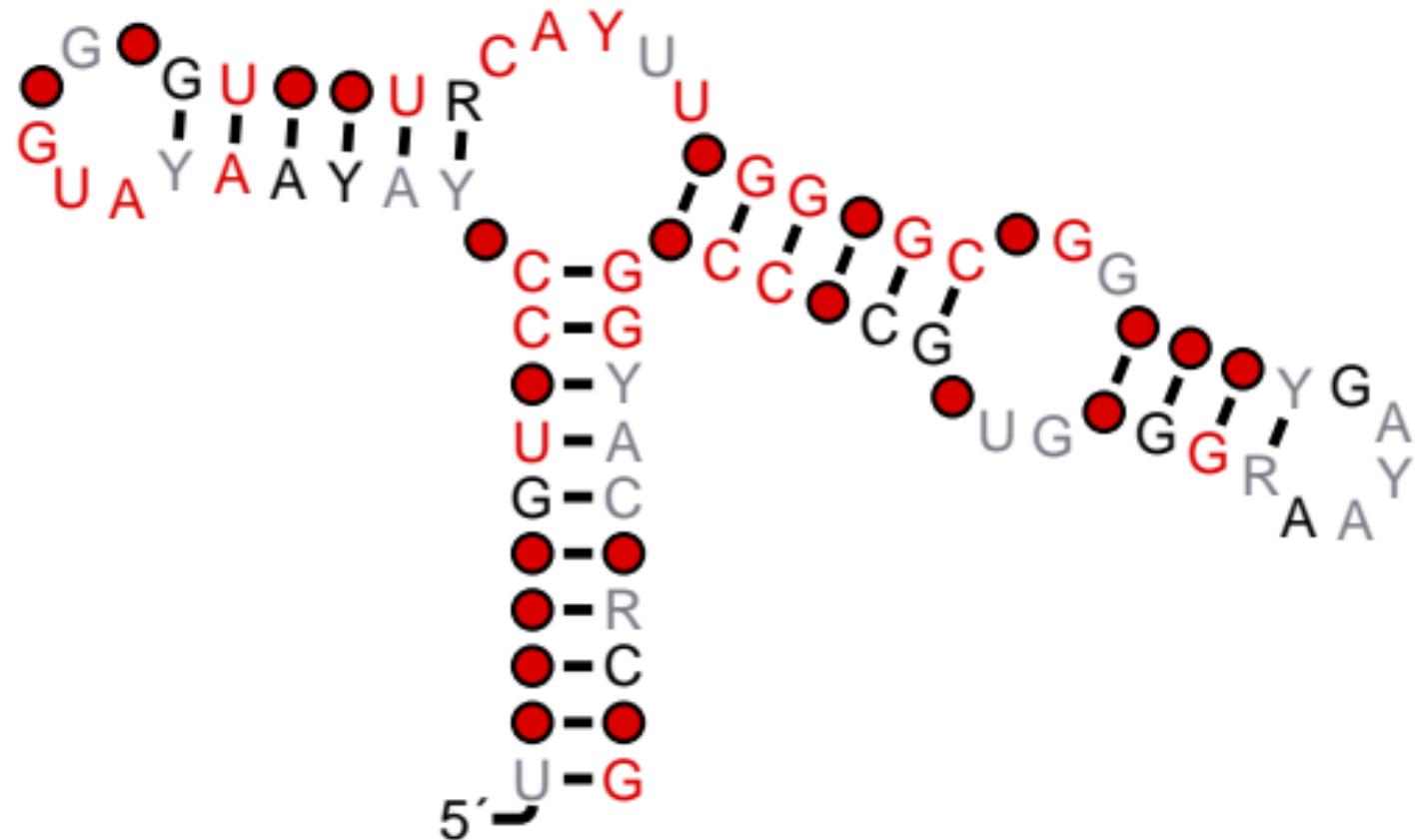
motif35-1711-1732_1

U G C
U
G - U
A - U
A - U
C - G
A - U
C - G
C - G
U - A
U - A
5' →

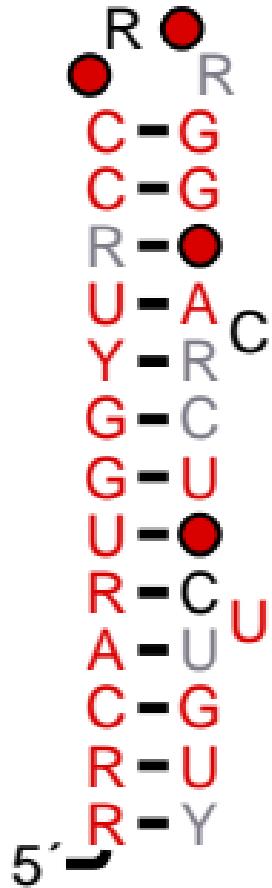
motif352-20807-20826_1



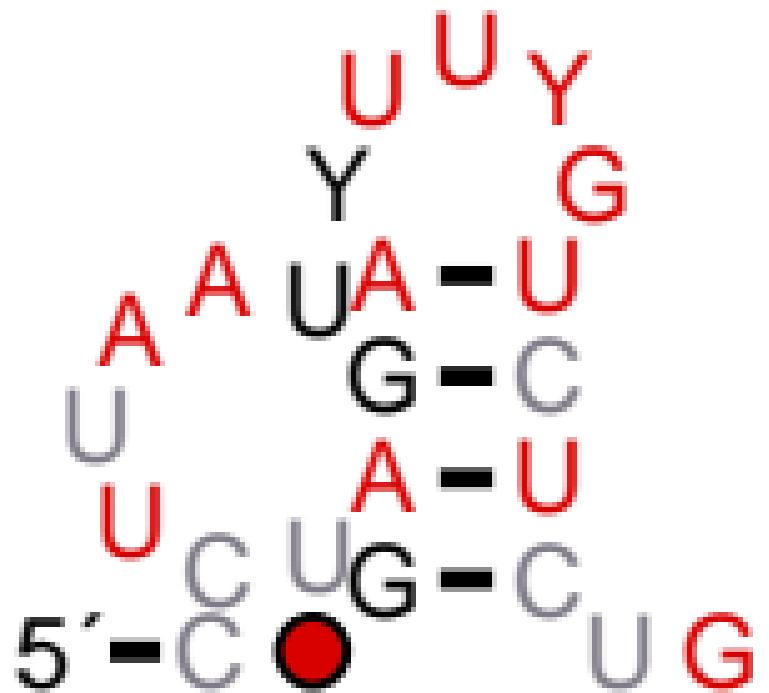
motif353-20834-20908_1



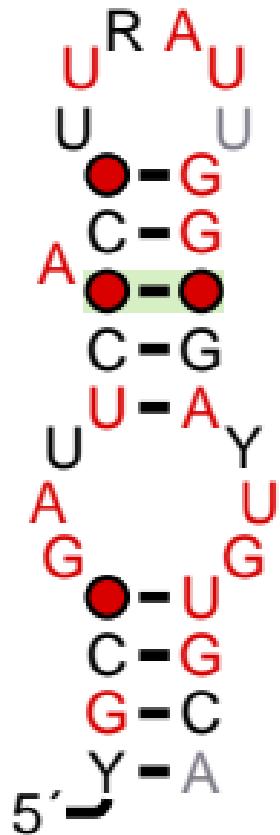
motif354-20915-20946_1



motif355-20951-20974_1



motif356-20976-21006_1



motif357-21009-21055_1

A U
G Y
G - U
G - Y
U - A
R A - U
A - U
Y - A
A - U
A - U
A - U
U - A
C - G
G - Y
R G
C A
A - U
U - A
A - U
C - G
R - U
U - A
R - Y
5' - G

motif358-21082-21108_1

A A
A G
Y - A
C - ●
U - G
● - G
● - ●
U G - U
A - U
A - U
R - U
A - U
G - Y
5'

motif360-21147-21220_1

Y U G
● - G
● - A
U - R
● - Y
R Y - R
A G - ●
● - ●
A C - R
● U - A
A - ●
R - Y
A - U
A - ●
● - U
U - A
A - U R
Y - A
C - R
G - Y U
● - ●
U - A
G - U
Y - R
● - ●
● - R
Y - R
G - ● R
G - ●
● - U
G - U
G - Y
● - G
5'

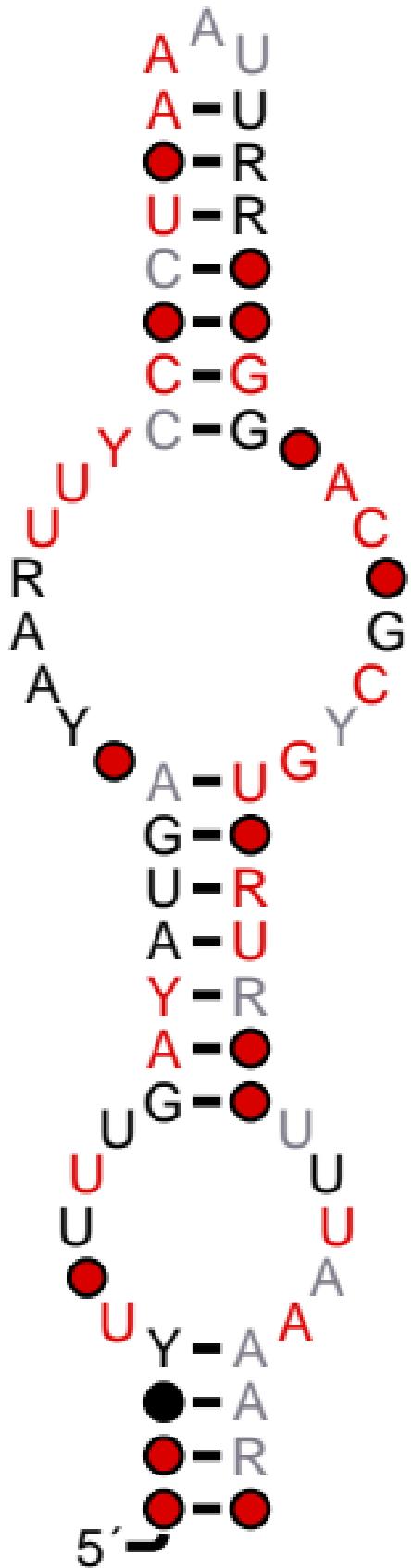
motif36-1743-1766_1

U A A A
A G
U C
U - A
A - U
G - U
G - C
U - A
U - A
U - A
5' G - C

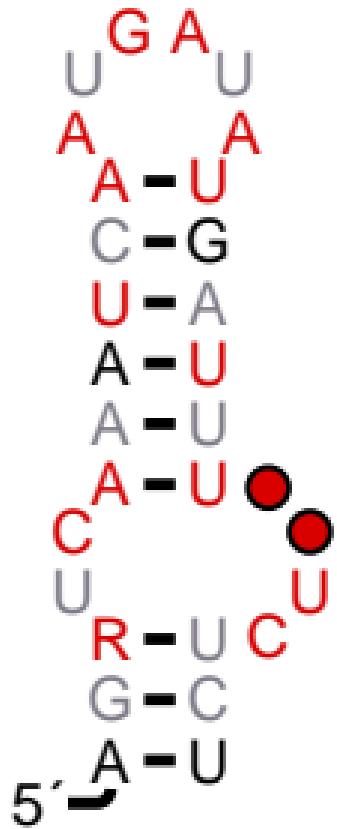
motif362-21350-21381_1

U C C A A U
A U
A C
A C - G A
A - U
U U
A G
A - U
G - C
G - U
A - U
G - C
G - C
5'

motif363-21385-21449_1



motif364-21450-21479_1



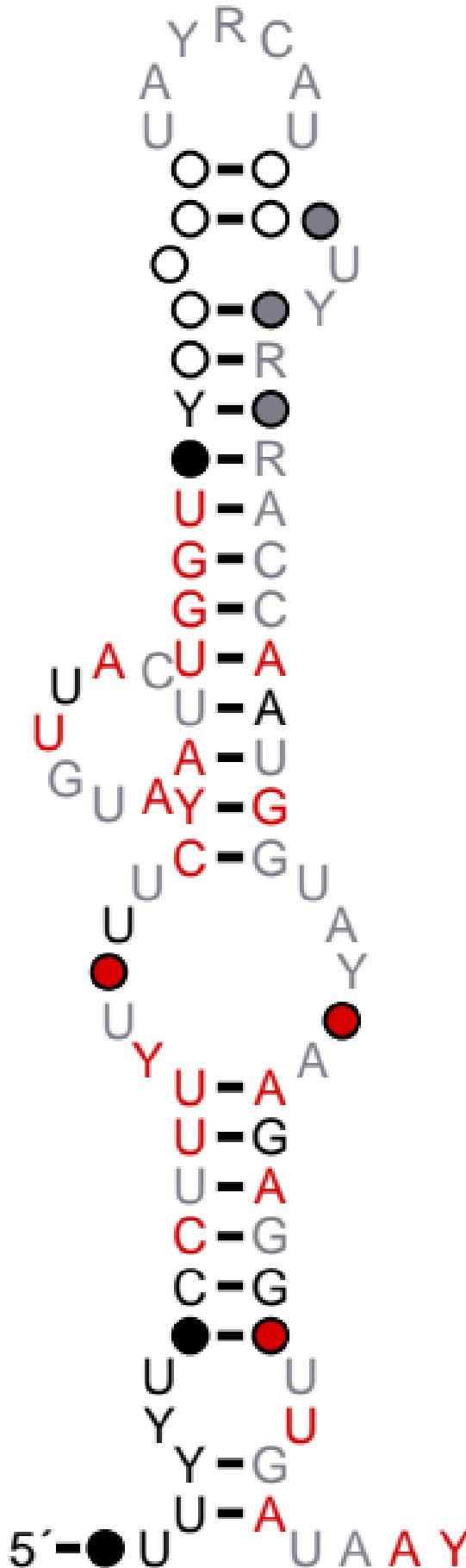
motif365-21502-21534_1

G
A A
Y - G
A - U
A - U
Y - G
A - U
A - ●
A R
A - U
G - Y
A - U
G - C
A - U
U - A
U - G
A - U
5'

motif366-21695-21720_1

A C A U
U U
U C
U - A
U - A
G - C
A - U
C C
U - A
C - G
C - G
U - A
5'

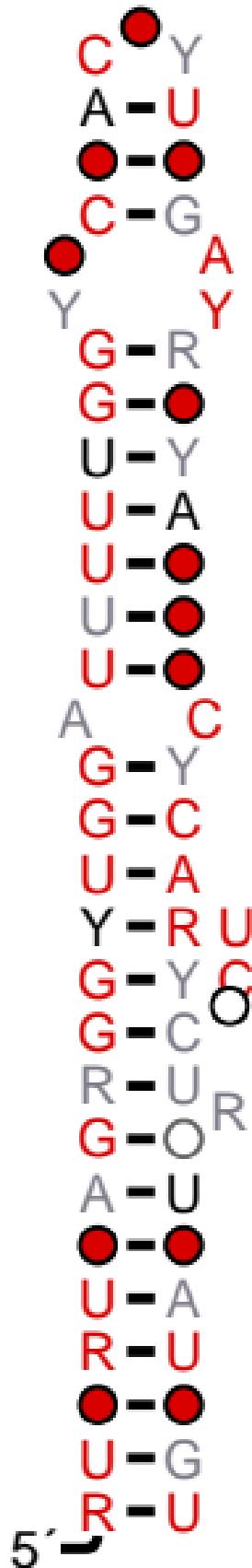
motif367-21724-21805_1



motif368-21813-21830_1

A A
U U
U-G
U-A
A-U
C-G
C-G
A-U
U-G
5'

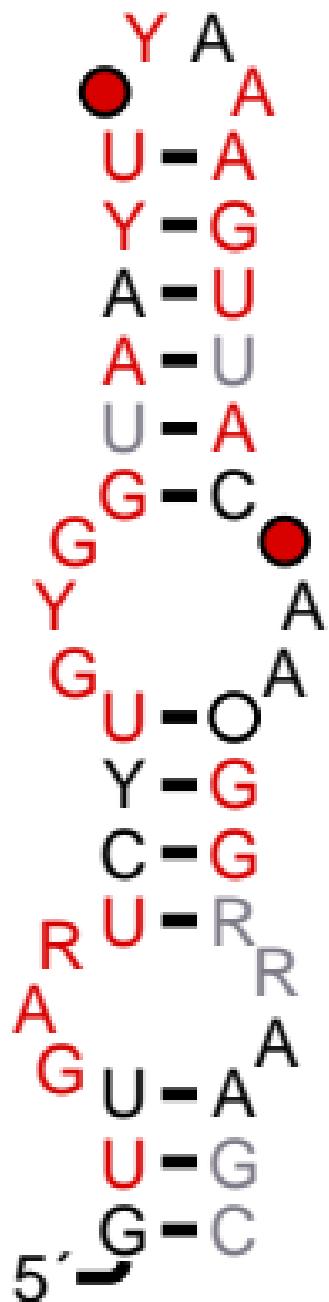
motif370-21860-21921_1



motif371-21982-22003_1

U U A
U U
G - U
U = A
G - C
G - C A
G - C
U - A
U - A
5' - U - A

motif37-1772-1812_1



motif373-22021-22088_1

U A
A A
A-U
G-U
C-G
G-C
U-A
G-C
A-U U
U C-G U
U-A
U-A
A-U
U-A U G
U G-C U
A-U
G-C
A-U
C C
U-A
U-G
A G-C
G G-C
U A
A-U
A-U
A-U
G-U
G-C
5'

motif374-22095-22114_1

G A
G A
A A
G - C
U = A
U - G
C - G
C - G
A - U
5'

motif375-22139-22183_1

U U A U U U
G G A R
G U U - A U A
R - U
U - A
A - U
A - U
G - C
A A - U
U - A
U - A
U - R
G - C
U - A
G - C
5'

motif376-22184-22204_1

A A
U U
U U
A - U
U - A
C = G U
C - G
G - C
C - G
A - U
5'

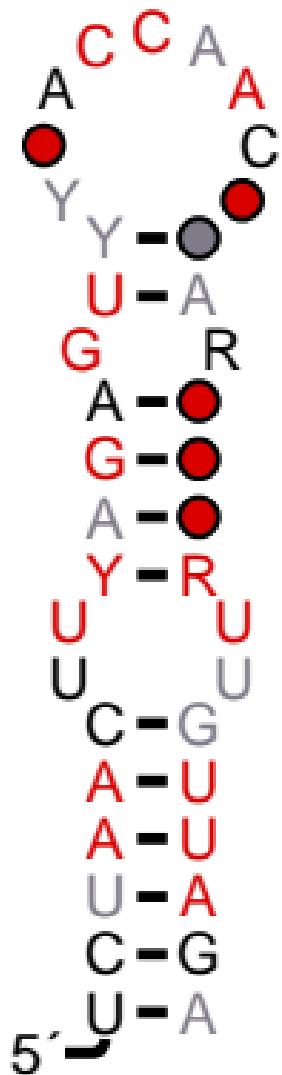
motif378-22234-22258_1

A U
G U
A - U
U - G
G - C
G - C
U - A
U - A
A - U A
C - G
C - G
A - U
5' →

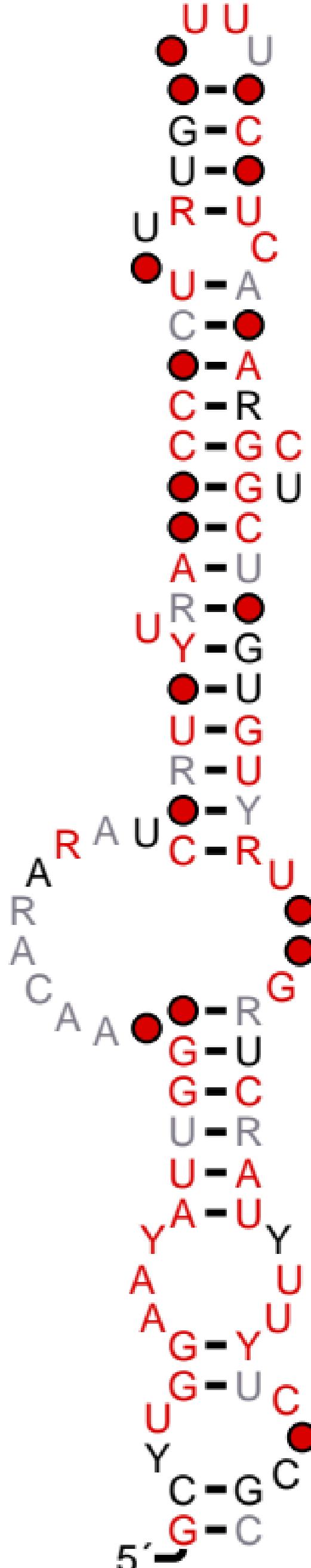
motif379-22265-22321_1

U^A C_A
U U
U - A
G C - G
U - A
U - A
C - G
U U A - U U
U A
C A - U
A - U
A - U
C - G
U - A C
U U
G - C
G - C
A - U
U - G
C - G
A - U
C - G
U - A
A - U
5' ->

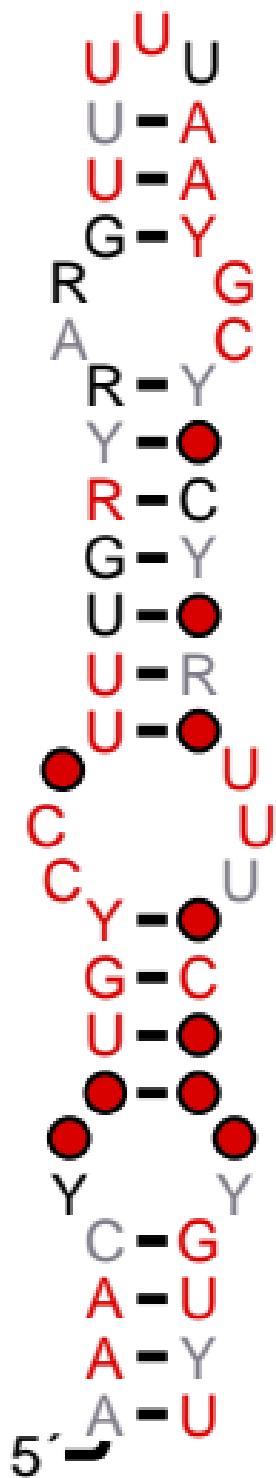
motif381-22508-22546_1



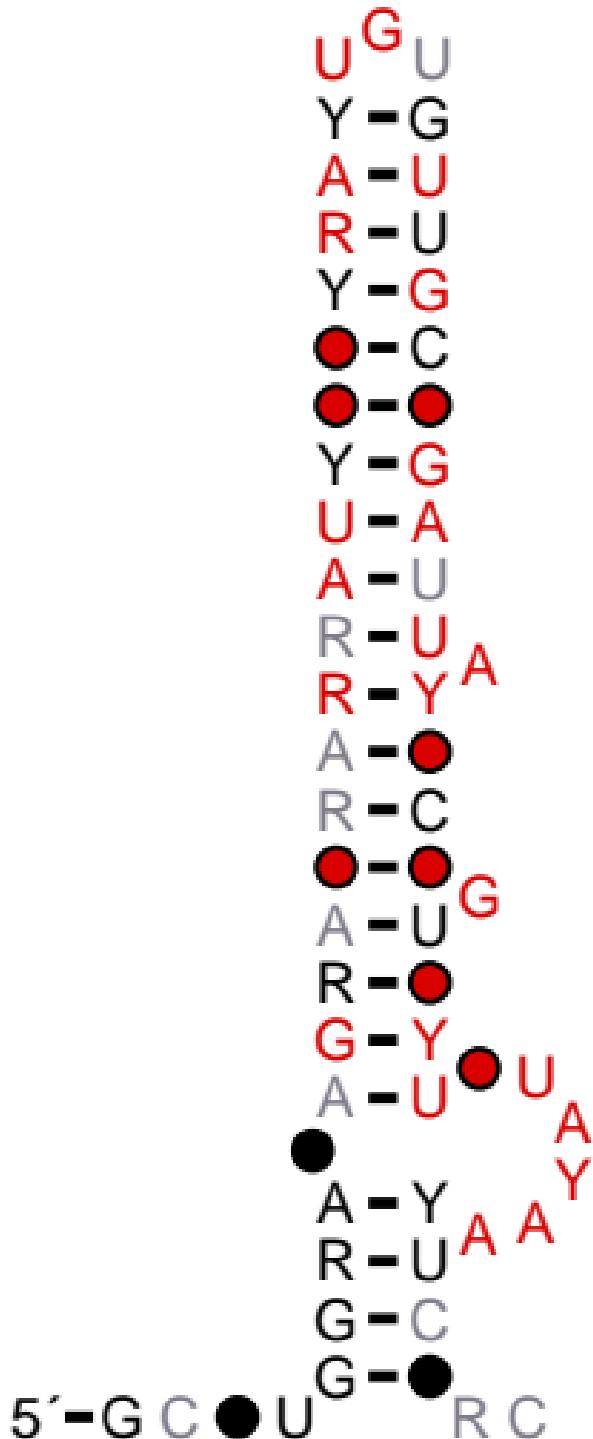
motif38-1823-1915_1



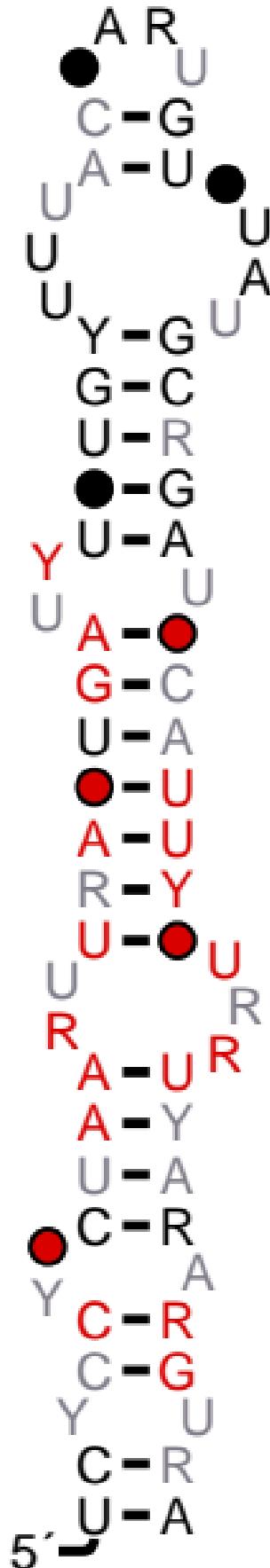
motif382-22561-22613_1



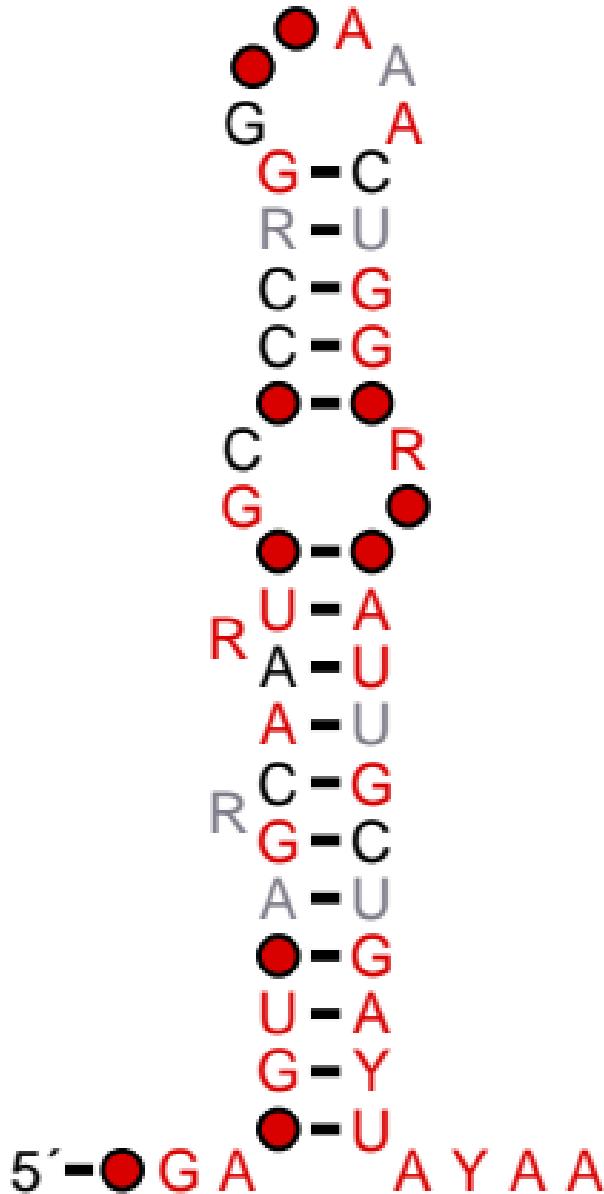
motif383-22616-22677_1



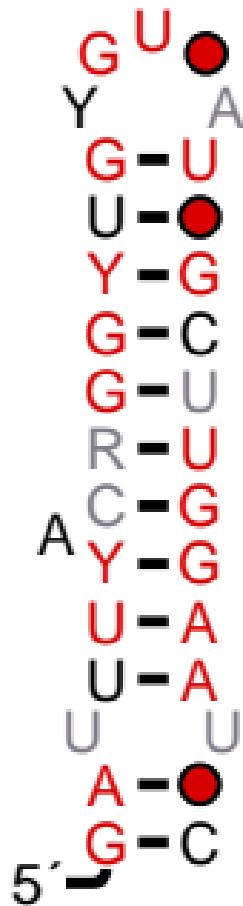
motif385-22709-22776_1



motif386-22777-22827_1



motif387-22844-22875_1



motif388-22879-22898_1

U U
A C
G - U
U - A
U - A
C - G
U - G
A - U
A - U
5' - C - G

motif389-22915-22985_1

C C U
A - U
A - U
A - U
Y - G
U - A
C - G
A - A
A G
A U - A
C - G
U - A
G - Y A
A - U U
A - U
R - C
A G R C A
U U G U - A A G
U - A
A - U
G - C
A - U
U - A
A - U
U - A
R - C
U - A
Y - R
5' - Y - G

motif391-23012-23033_1

A A U U
U G
U U
U-U-A U
G-C
G-U
5'-G A A U U C

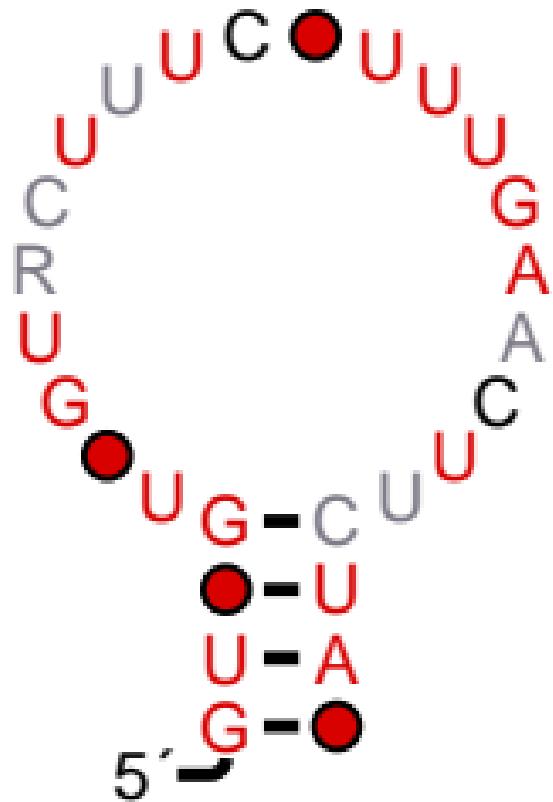
motif39-1974-2030_1

5' →
G - C
● - U
G - Y
U - R
Y - U
A - Y
U C - G
● - A
A - U
Y - G
R - C
A - Y
● - A
● - U
C - G
U - R
U - U
U - ●
A - U
● - ●
G - Y A
G - C
U - ●
A - U
G - C
● - ●
U - G

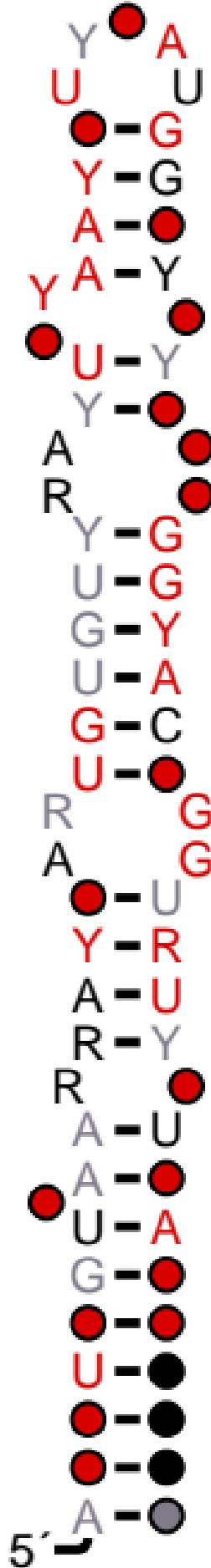
motif392-23047-23079_1

U R
C A
A - U
Y - G
C - G U
C - G
● - U
A - U
Y - G
Y - G
U U
U U
U - A
G - C
G - C
U - A
5'

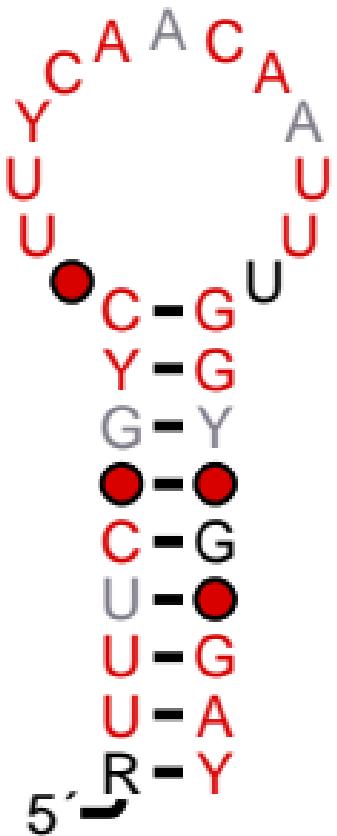
motif393-23090-23117_1



motif395-23157-23225_1



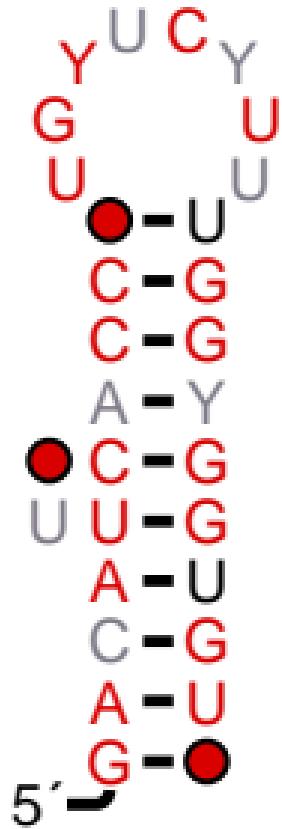
motif396-23236-23266_1



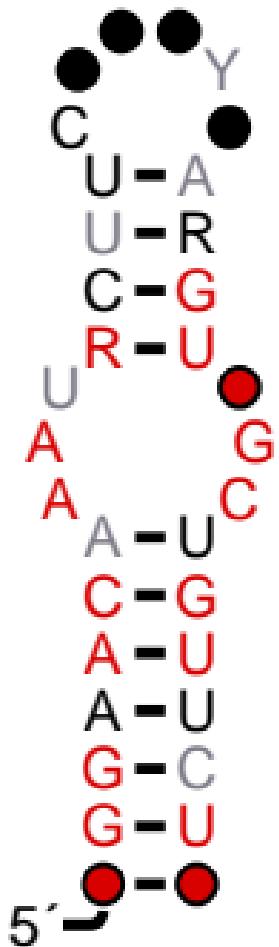
motif397-23287-23305_1

A U C
G - C
U - A
G - C
C A
C - G
U - A
G - C
5' U - A

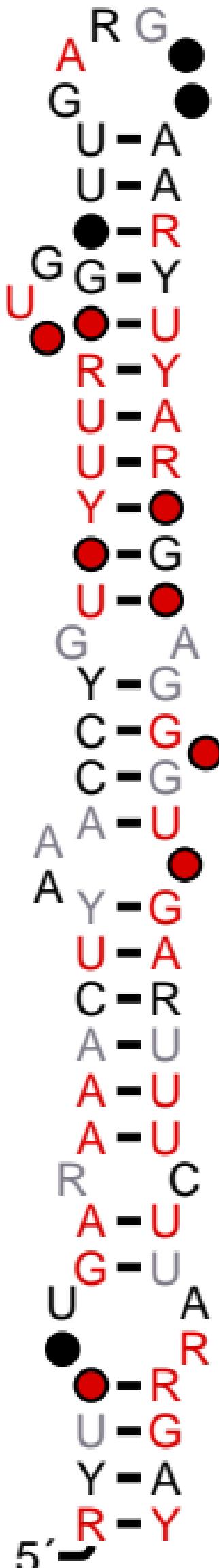
motif398-23318-23347_1



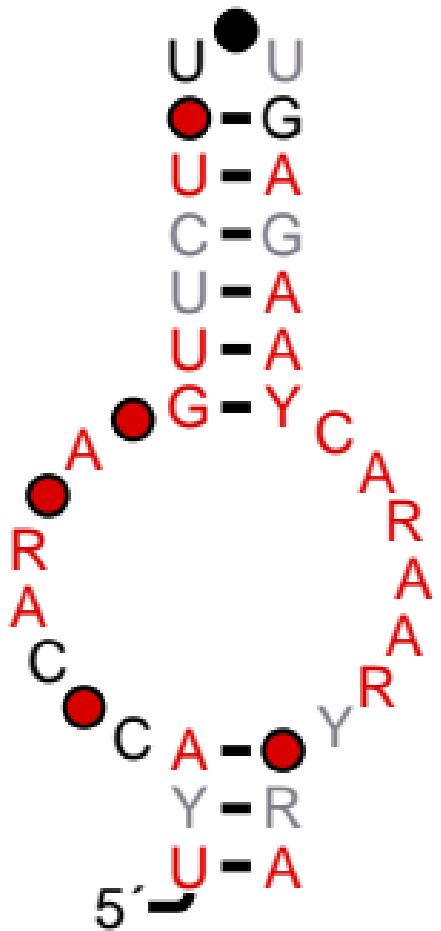
motif400-23362-23395_1



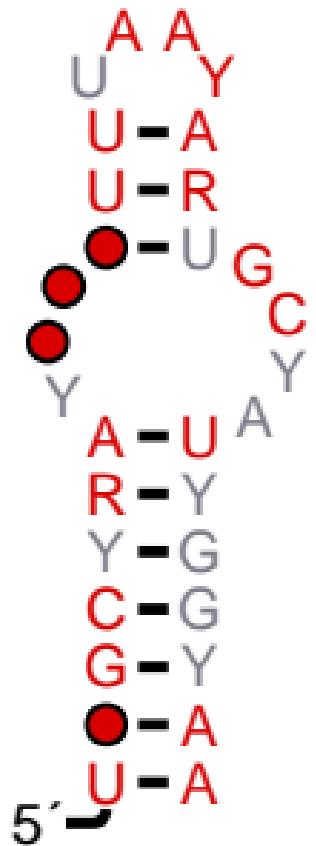
motif41-2123-2197_1



motif415-24294-24329_1



motif416-24330-24360_1



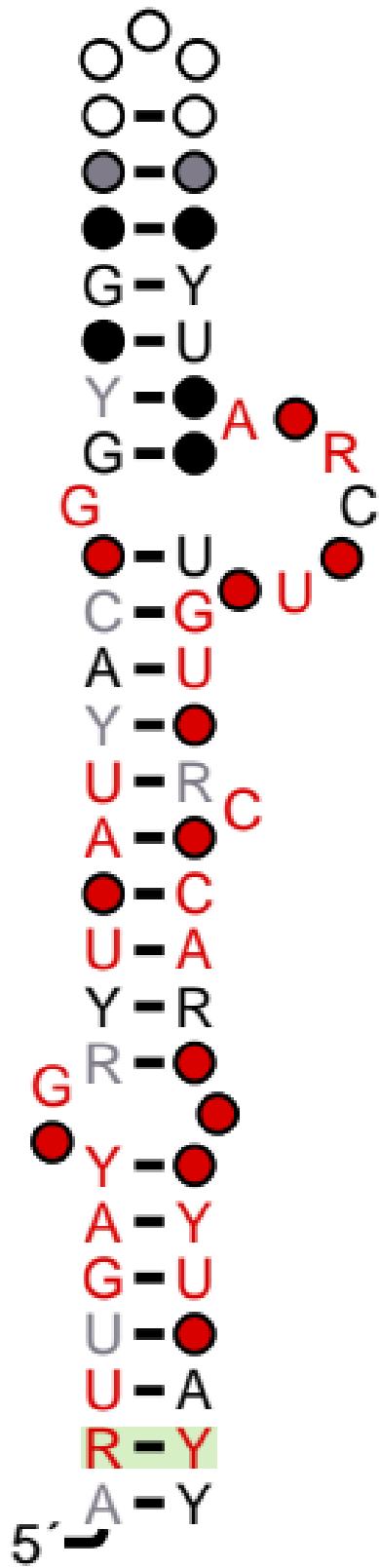
motif418-24430-24450_1

U A A A C
U A
U C
C - G
G - C
A - U
A - U
C - G
A - U
5'

motif420-24505-24532_1

A A
Y - G
A - U
G - Y
Y - G
U - A
C - G
● - G
G - C
C ● - ●
C - G
U - A
5' - ● - R

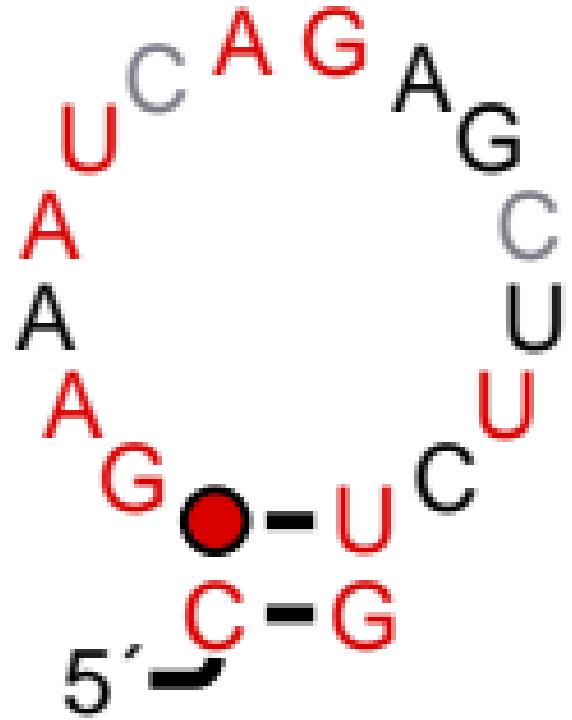
motif421-24538-24601_1



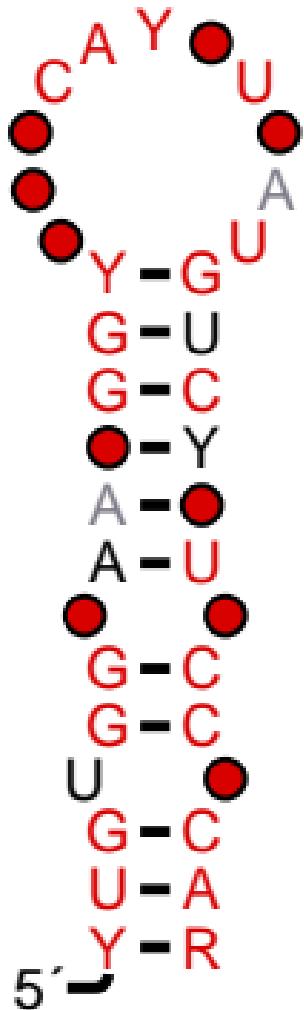
motif42-2198-2227_1

U U
G A
U - A
U - A
A - U
R - U Y
A - U A
G - C
G - U
G - C
U - A
U - A
G - C
G - C
5' -

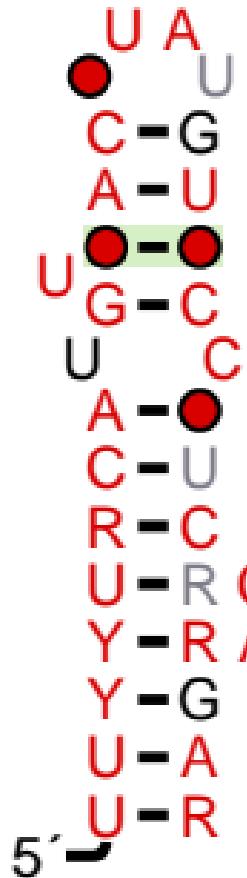
motif422-24609-24626_1



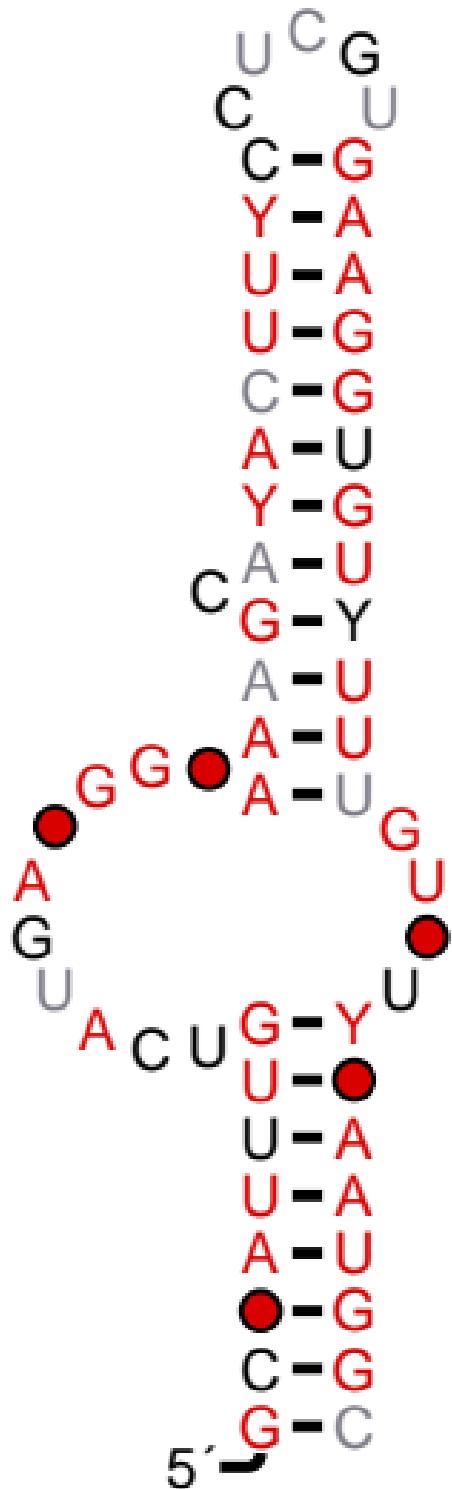
motif424-24688-24724_1



motif426-24746-24778_1



motif427-24800-24859_1



motif428-24866-24898_1

R A G G A A
A C U
A C U U
C A - U
● - U
U - A
R - U
U - ●
U - ●
U - A
G - C
G - C
U - A
5'

motif429-24912-24932_1

A U
C U
A = U
Y - G
A A - U
C - ●
A - U
G - C
A - U
C - G
5'

motif430-24935-24973_1



motif431-24998-25017_1

A A G
C - G
U - A
U U - G
A C - G
U - A
C - G
A - U
G - U
5'

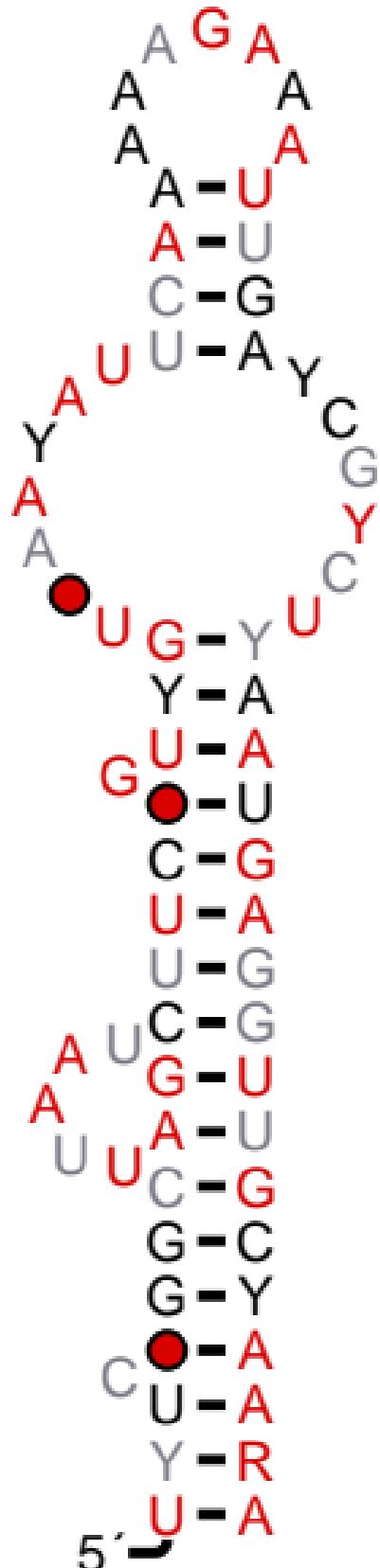
motif43-2228-2269_1

 G U
G G
C - G
U - A
G - C
U - A
U - A A
A U
A U
A - U G
G - C
U - A
G - C
U C
U U
C - G
G - U
U - G
G - C
U - A
5'

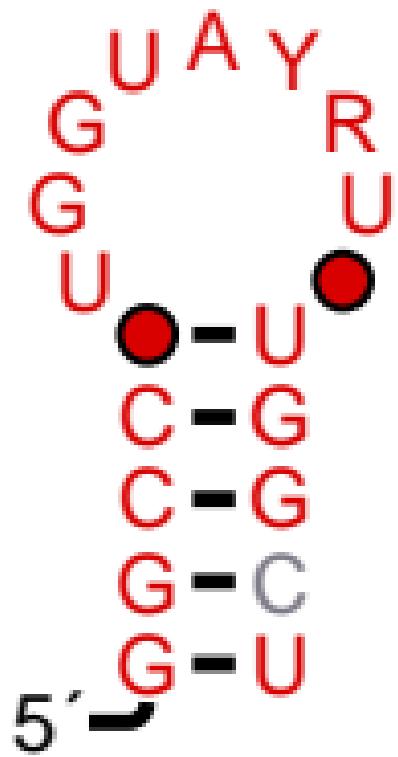
motif432-25033-25059_1

A C C
A R
C - G
U - A
A - U
C - G
A - U
U A - U
C - G
U - A
A - U
A - U
R - U
5'

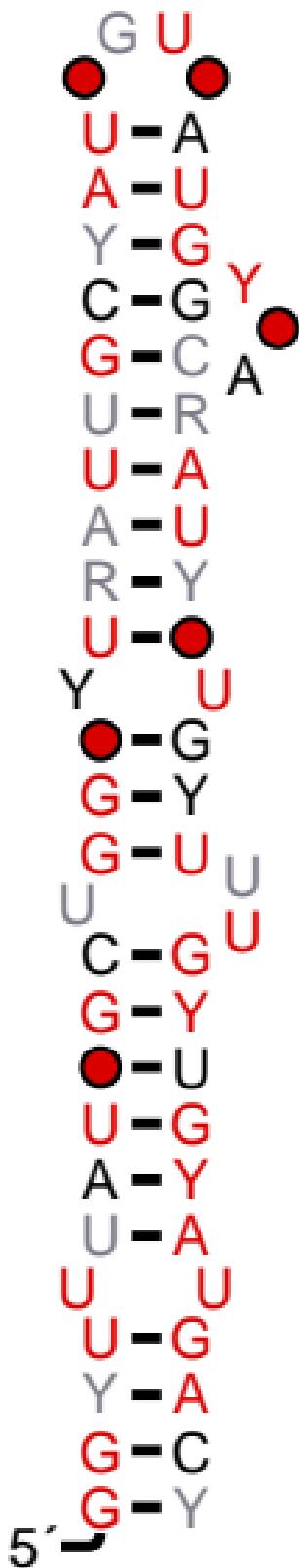
motif433-25068-25136_1



motif435-25197-25215_1



motif436-25217-25276_1



motif437-25280-25325_1

U
Y - G
G - Y
G - U
R - C
A - U
A - U
Y - G U
U - G
Y - G
Y - ●
U G - U C
Y G - Y
A - U
Y - G
G - Y
U U
Y - G
G - Y
U - A
5'

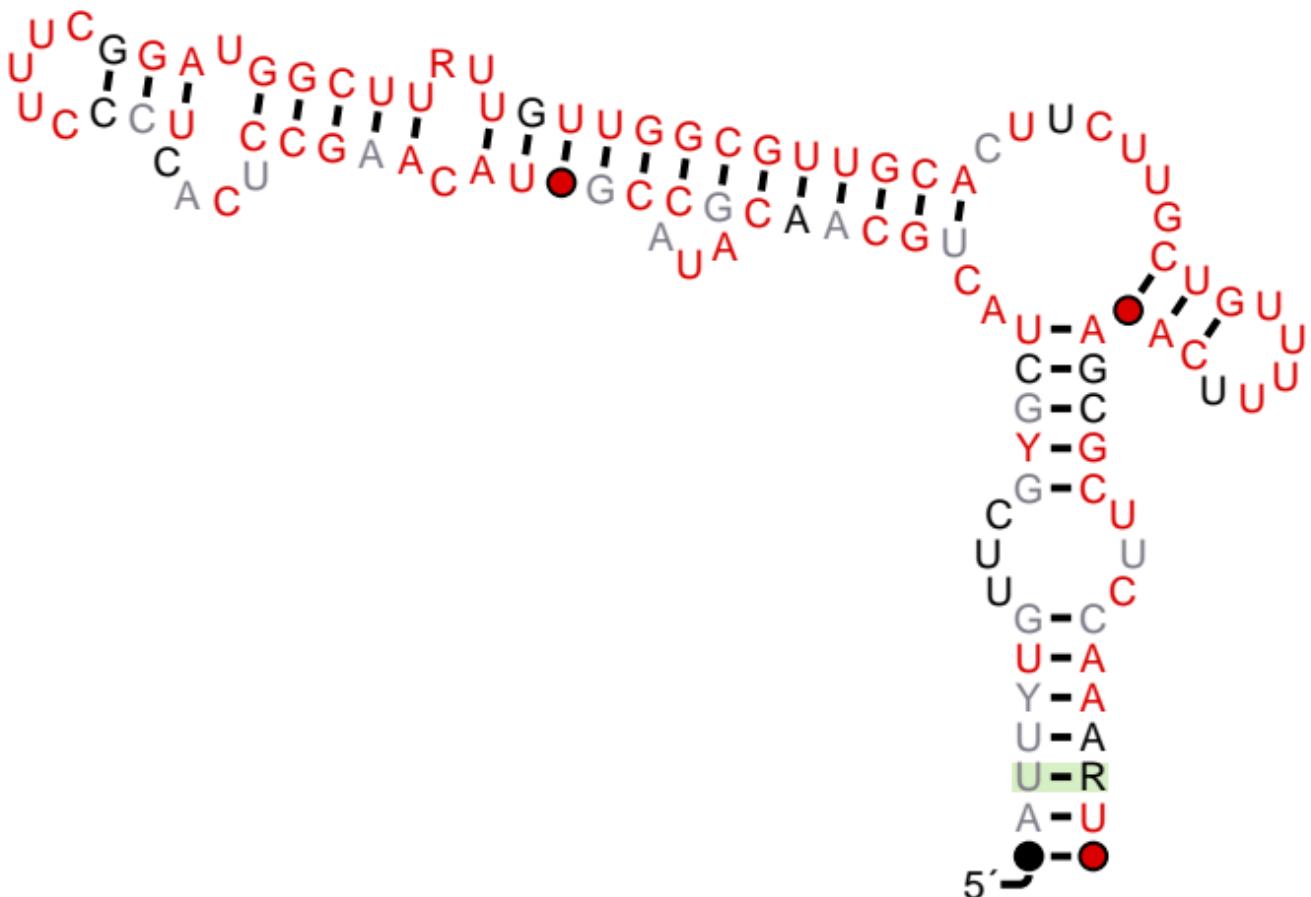
motif438-25340-25366_1

A G
C U
C - G
G - C
A - U
G - C A A
U - G A
C - G
U - A
C - G
A - U
G - C
5'

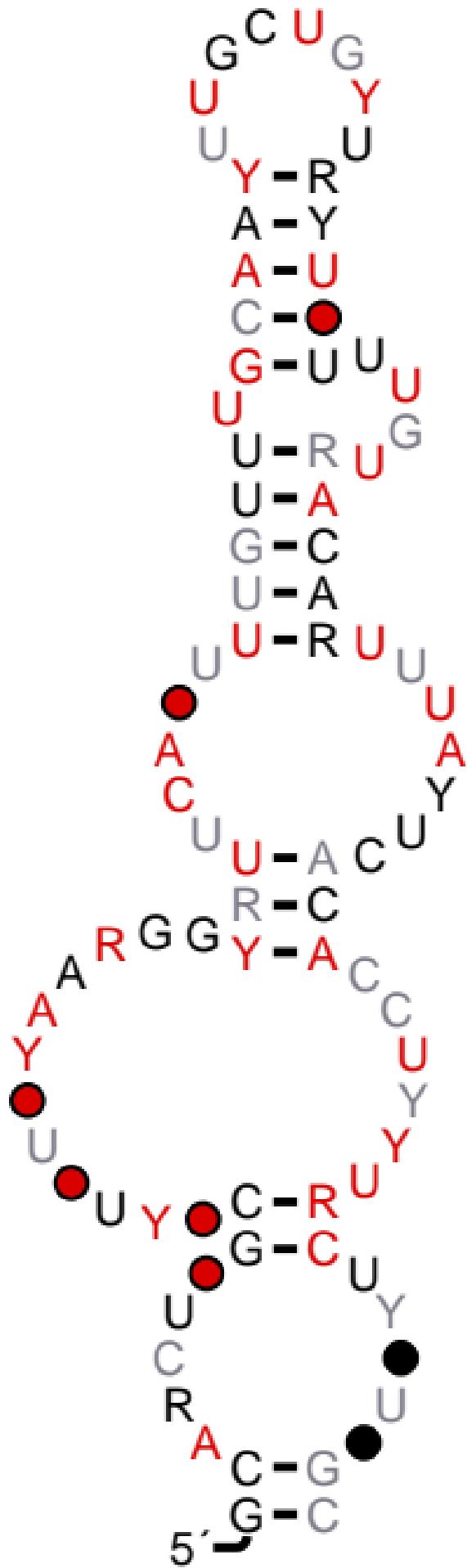
motif439-25380-25407_1

U^A U_G
U G
Y A
A - U
A - U
G - U
C - G
A - U
A - U
A - U
U - A
A - U
C - G
5'

motif440-25471-25578_1



motif442-25599-25685_1



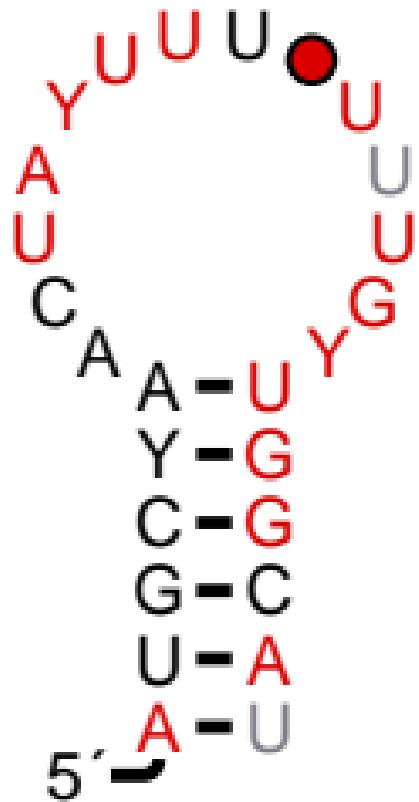
motif44-2281-2302_1

C A
U G
U - A
G - C
U - A
G - U
A - U
G - C
A - U
G - U
G - U
5' →

motif443-25720-25771_1

UA
R A
U-A
G-Y
A-U
R-U
A-U
C-G
G-U
U-A
U-A
C-G
U-A
Y U-A U A
A A
U A
Y U A
G A-U A
U-G
U-A
U-G
C-G
G-C
5'

motif446-25817-25842_1



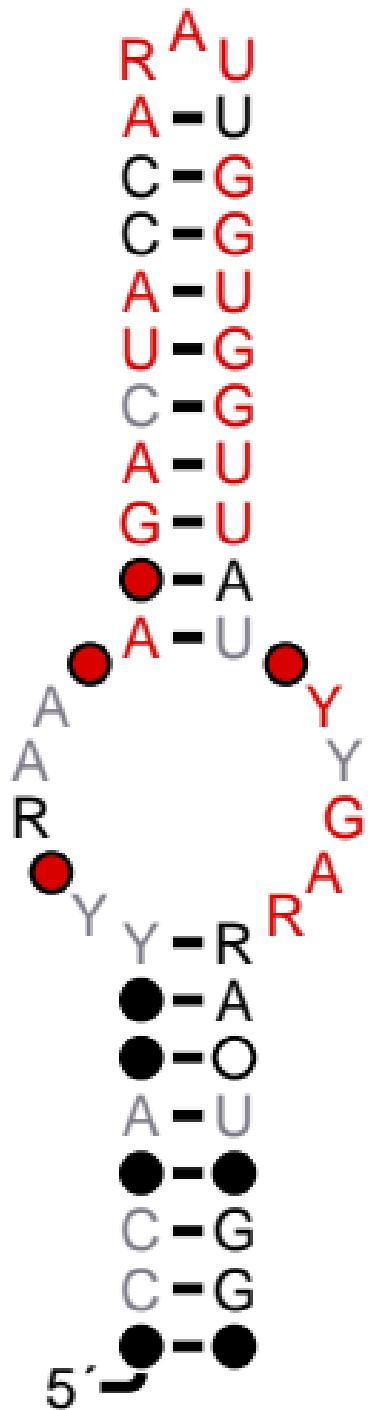
motif447-25850-25883_1

A C C
U 
A - U
U - A
G - Y
U - A
Y - A
A - Y
U - A
C - G
G A - U
Y - R
A - U
U - 
Y - A
5' R - C

motif448-25893-25915_1

U^C A
U-G
C-G
A-U
U-G
U-A
A-U
C-G
U-G
G-C
U-A
5'

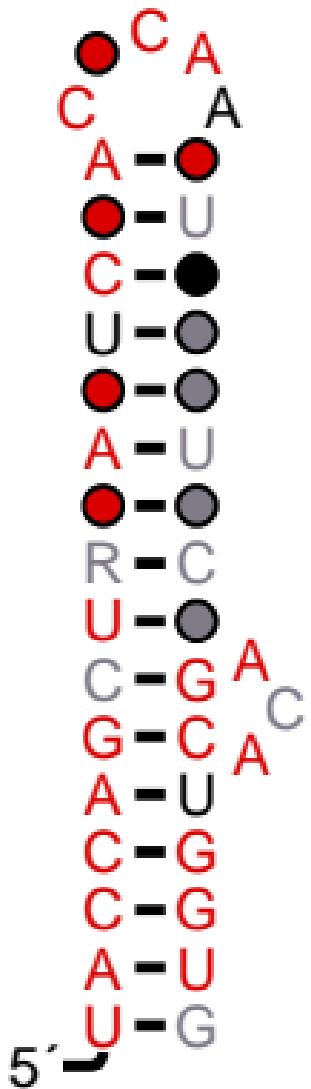
motif449-25923-25973_1



motif450-25975-26021_1

U R
G U
Y U
U - A
G - C
U - A
R - Y
U - R
C - G
A - U
G - U
A A
A Y
A - U
● - U C
U - A
G - C
● - O
G - O
G - O
● - ●
C - G
U - A
5'

motif451-26026-26065_1



motif452-26066-26127_1

A A
A A
Y - R
R - Y
A - U
Y - O
A - O
U U
C - G
U - ●
A - U
C - R
U - A
U - R ●
C - G U C
U - ●
U - A
C ● - G
A U - A
Y - ●
G - C
U - A
A - U
● - G
A - U
A ●
G - C
U - A
U - A
5'

motif45-2314-2380_1

U A
U U
A - U
C - G
U - G
A - U
Y - G
C - G
U - R
C - G
A G - C U
C G A
G U - A A
G - C
U G U
G - U
U - A
U - A
U - A
C - G
G - C
G - C
U U
U G U
U - A
U - A
A - U
A - U
A - U
5' - Y - A

motif453-26139-26196_1

Y A
G A
A - U
C - G
C - G
A A U - A
A U C
U G - C
U - A
U - A
G - U
A - U
G - U
G A
● U
C - G
U - A
● - U
C - G
U - A
U - R
G - C
G - C
C - G
5' - C G A A C G

motif454-26206-26229_1

U U G U
U A
C A
C - G
G - C
U - A
G - C A
C - G A
G - C
A - U
5'

motif455-26230-26255_1

A Y U U
A A
G U
C - G
A - U
U - A
G - C
A - U
G - C
U - A
R - U
R - U
5'

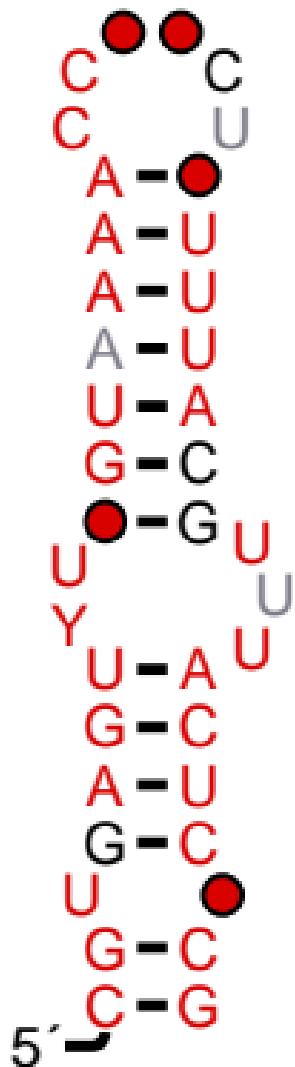
motif456-26262-26305_1

A G U U
U A
A A
A - U
U - A
U - G
G - C
C - G
A - U
U - A
G - C
A G - U
C A - U
G - Y
A - U
G - U
A - U
A - U
G - Y
R - Y
5'

motif457-26313-26352_1

Y A C
U - A
G - C
A - U
U - A
C - G
G - C C A U C
U C U U A - U U C
U - A
G - C
G - U
U - G
G - C
C - G
5'

motif459-26388-26426_1



motif462-26475-26496_1

A U U A
U U
A A
A - U
A - U
U - A
C - G
A - U
A - U
G - U
5'

motif463-26498-26530_1

A A U U
U U
U U
U - A
A C - G
A G - C
G - C
U - A U
U - G
U - G
G - C
U - A
C - G
U - A
5'

motif464-26534-26553_1

U A
C U
A = U
U = A
G = C
G = C
C = G
A = U
A = U
5' C = G

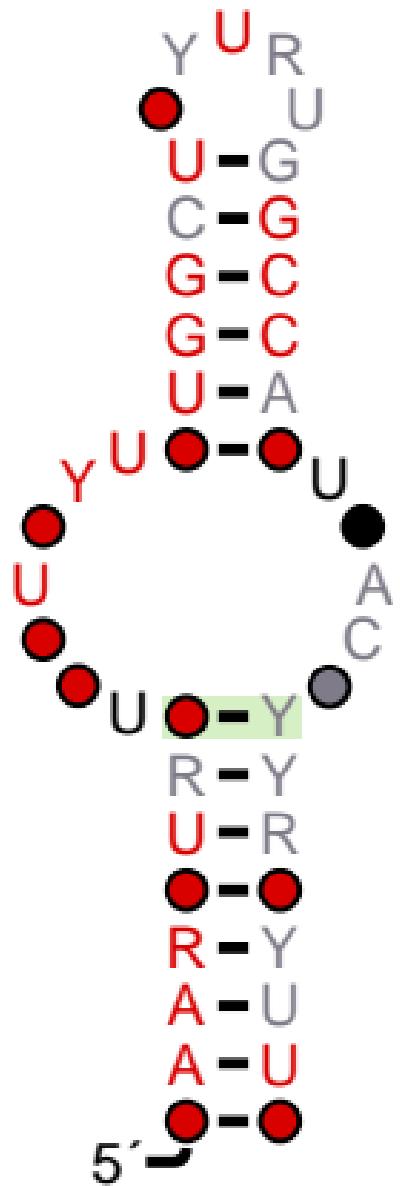
motif466-26581-26600_1

U A
G A
A = U
U = A
C - G
C - G
A - U
A - U
G - U
G - C
5'

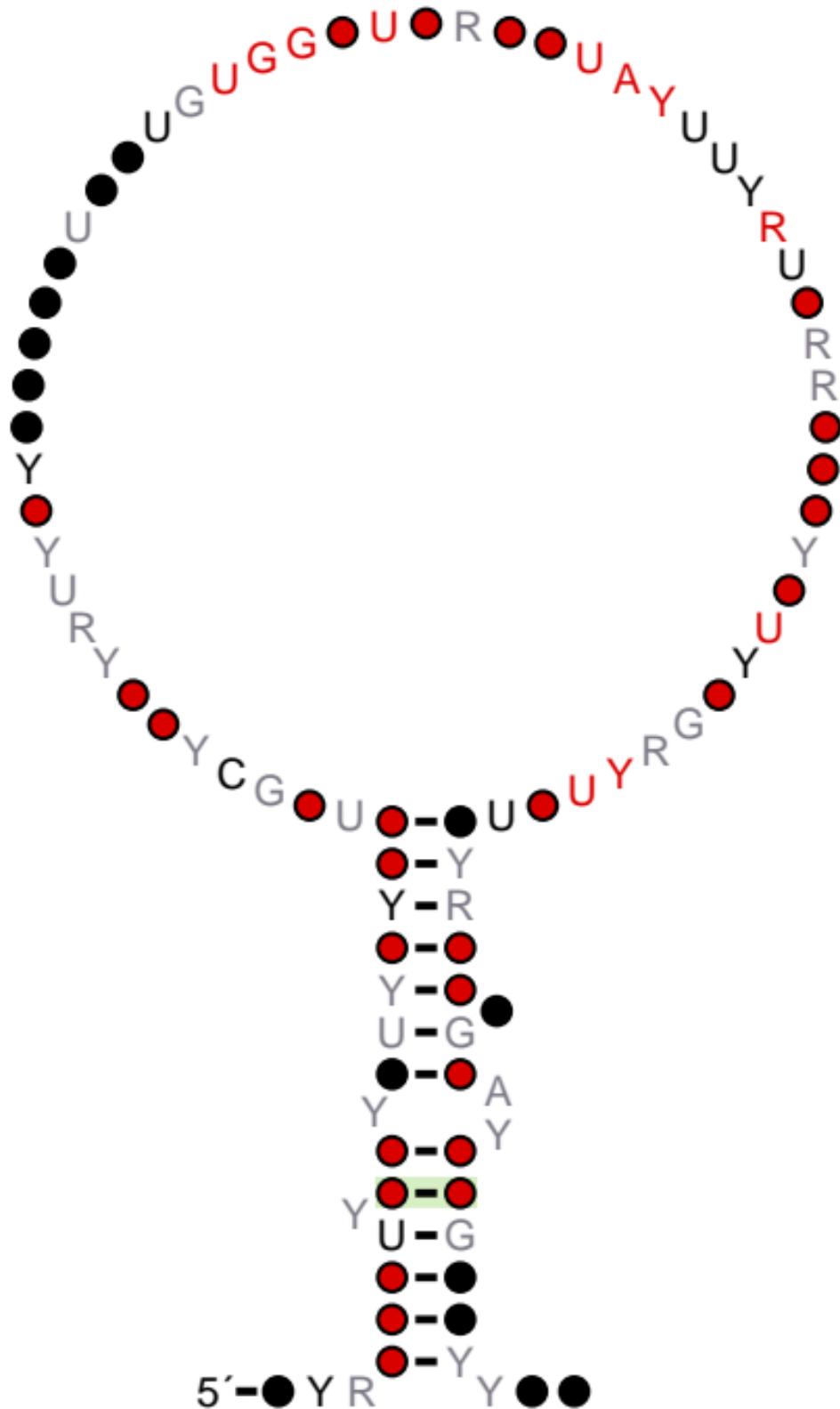
motif468-26626-26662_1

A C
A A
Y - G
C - G
● A
U - A
A - Y
U - A
C - G
C - G
U G - U U
U A - Y
A - U
C - G
A - U
5' - U - A

motif469-26669-26713_1



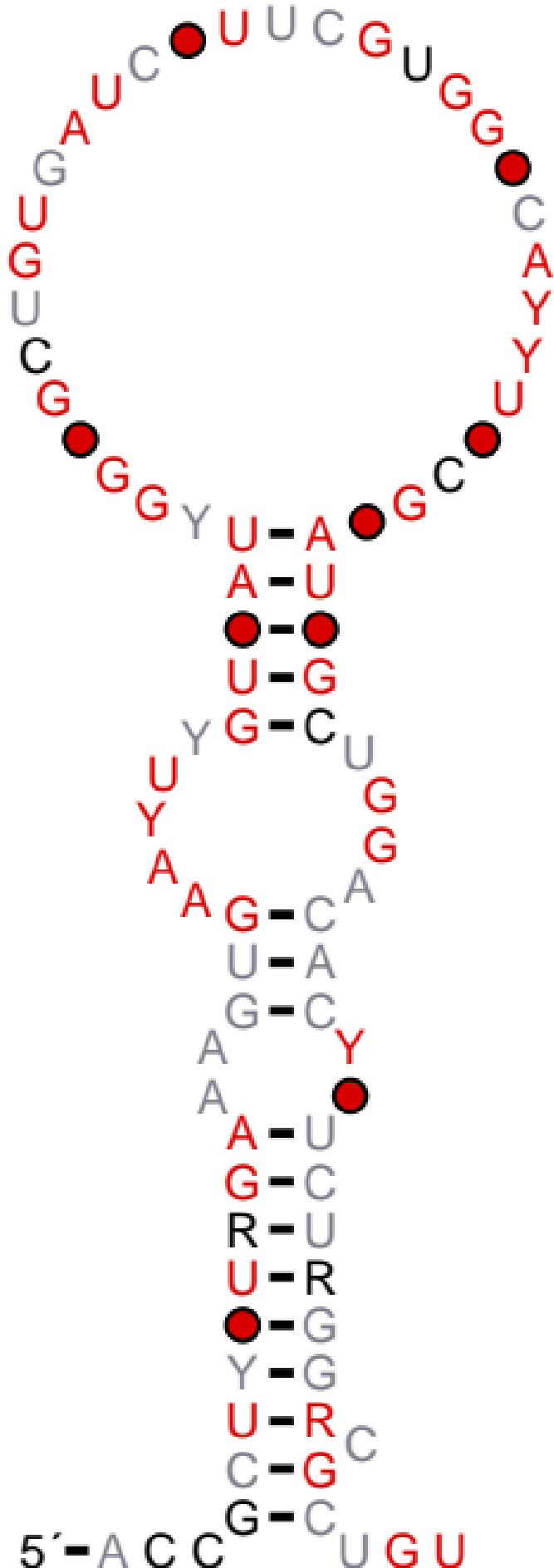
motif470-26755-26848_1



motif471-26886-26902_1

U C C
C A
A - U
C - G
C - G
G - C
U - A
G - C
5'

motif472-26915-26999_1



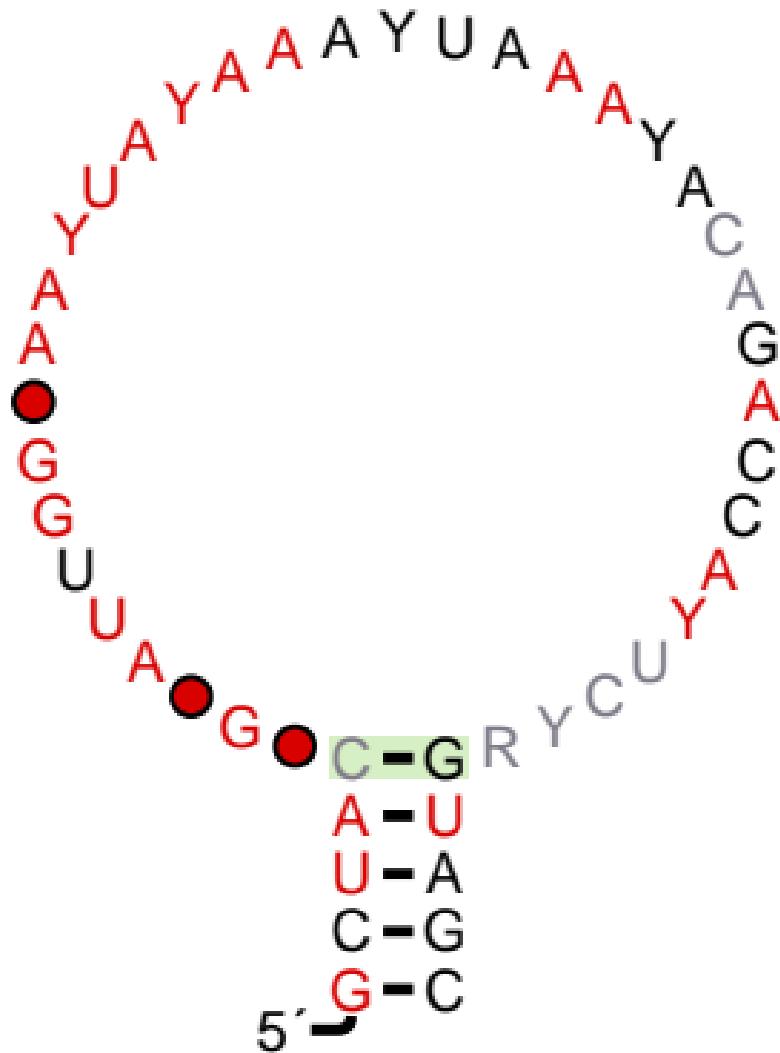
motif47-2460-2527_1



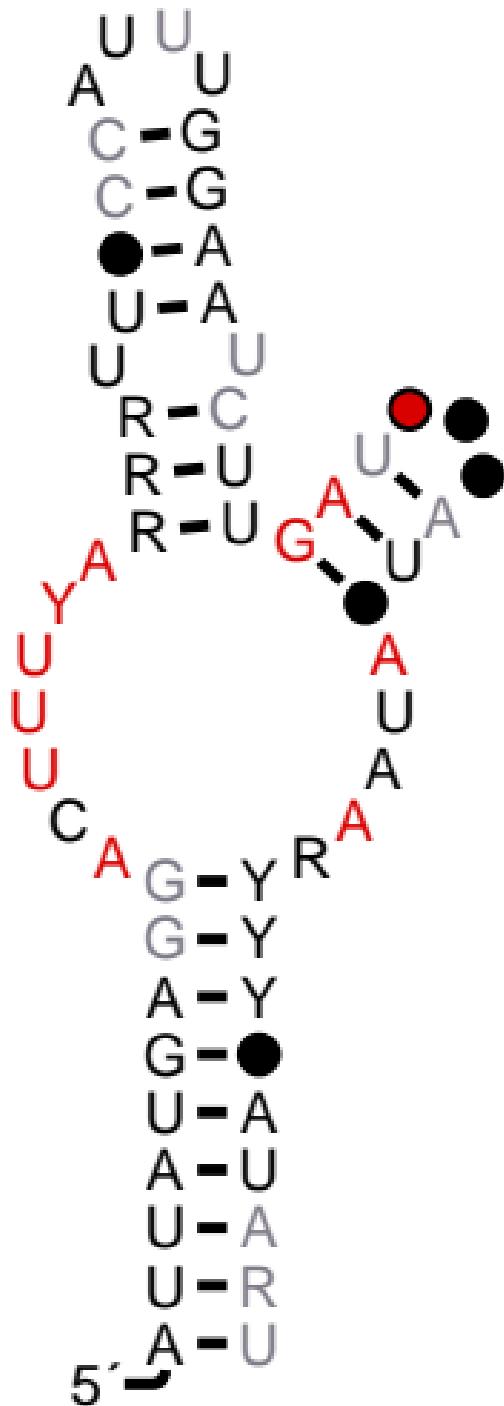
motif473-27032-27086_1

U U A C A
A A
U U
U C - R U
U - G
U - G
U - A
C - G
G - C
C A - ●
A - U
G - C
C - G C
A A
C G
U - G C
A - U
C - G
A - U
U - A
C - G
G - ●
● - ●
5'

motif475-27115-27161_1



motif476-27253-27311_1



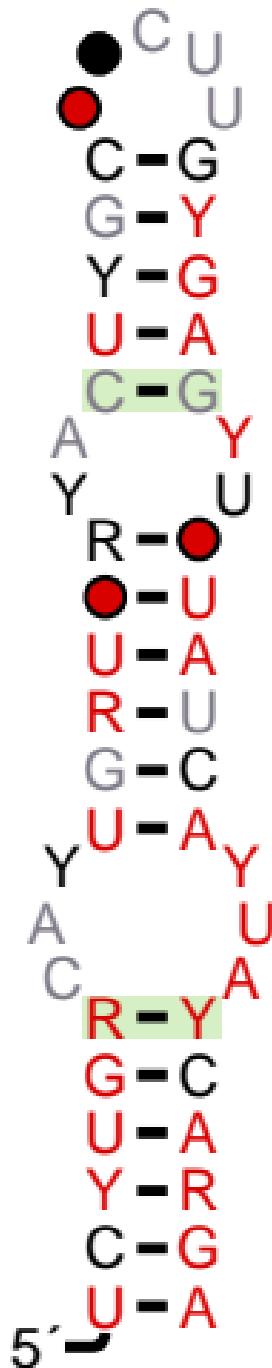
motif477-27328-27362_1

A A U
A - A
A - U
A - U
G - C
A - U
R - A
U - A
C R
A - U
A - U
U - A
C - G A
A - U
C - G
Y - A
5'

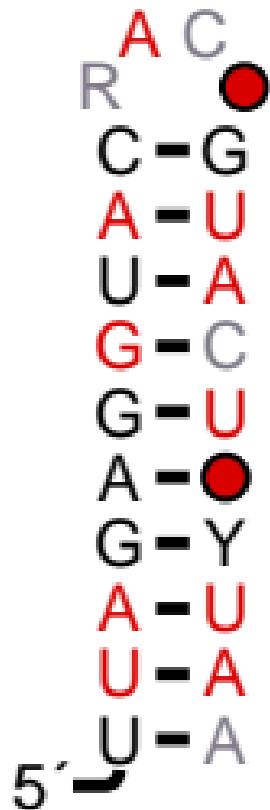
motif478-27375-27409_1

G A A C
C A U G
A A
A U - A A
U - A
A - U
G - U
● - A
U U
● - U
G - C
A - U
G - Y
G - U
5'

motif479-27410-27458_1



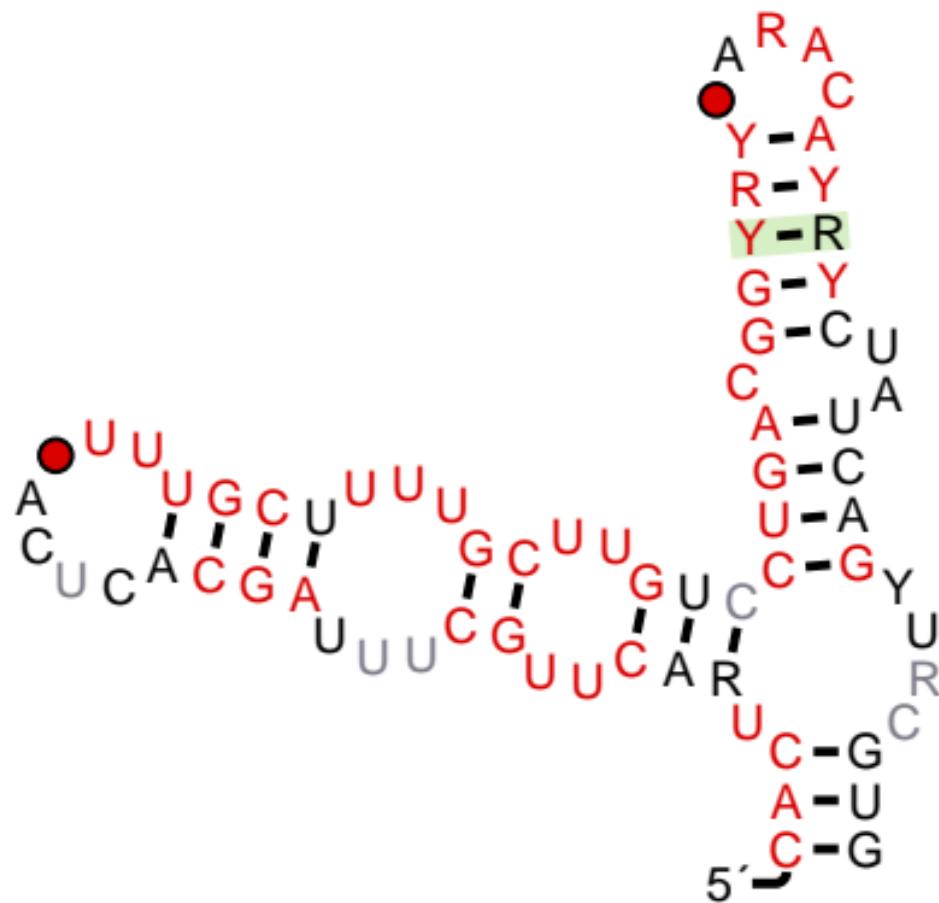
motif480-27464-27487_1



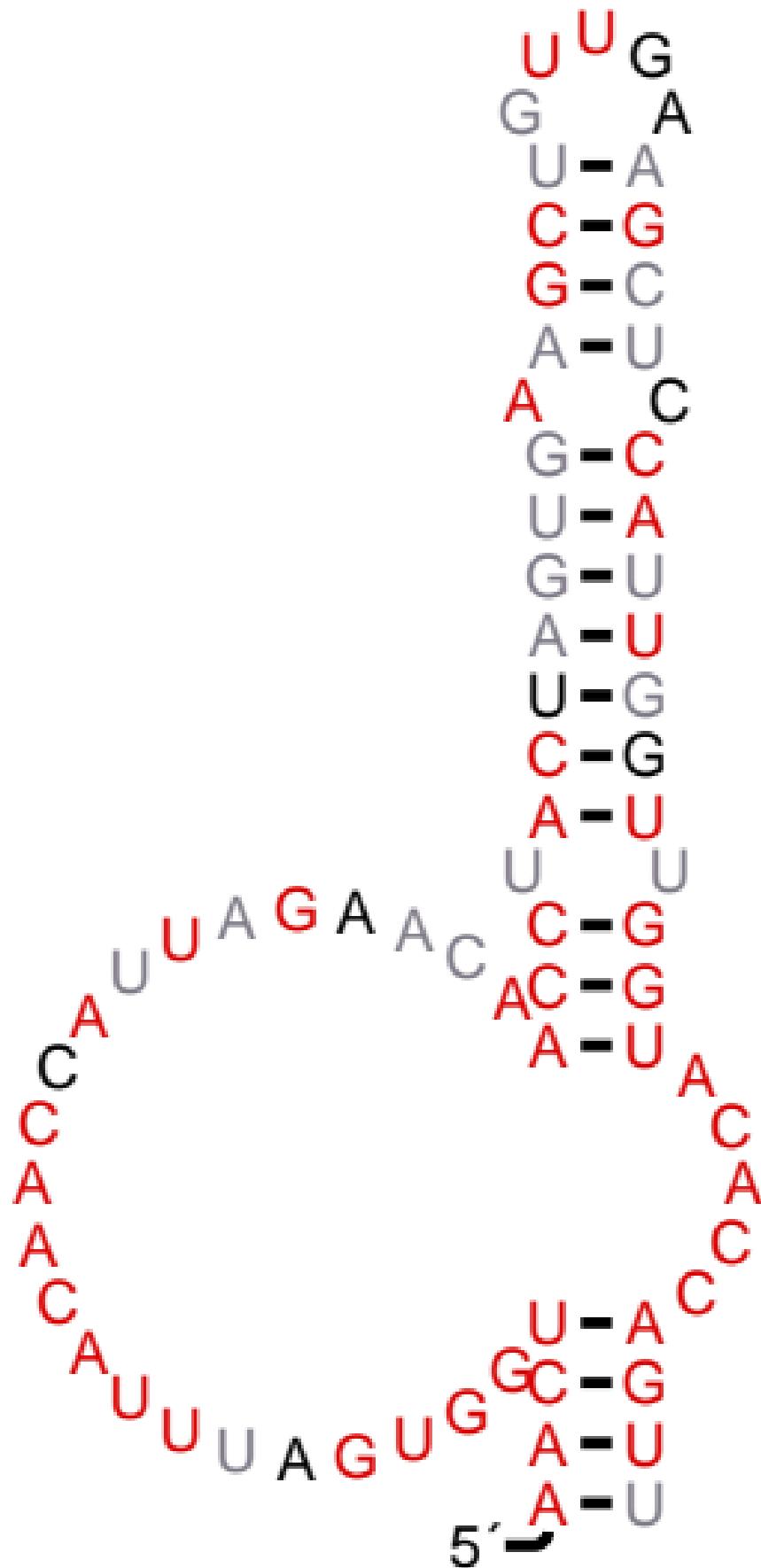
motif481-27490-27524_1

A A C C
G G R
G - U
● - A
C C
U - G
● - A
C - G
Y - G
C - G
G - C
U - A
C U - A
C A - U
A - U
G - C
5'

motif482-27557-27628_1



motif48-2542-2614_1



motif483-27632-27654_1

A C C
C U
U-A
U-A
U-A
G-C
A-U
C-G
U U
A-U
5' G-C

motif4-84-127_1

5' C-G
U=A
G-C
U=G
C-U
G-C
U=A
C-G
R-U
C-G
G-C
U=A
C-C
G-Y
R-Y
U=A
G-C
U-G
G-C
U=A
C-G

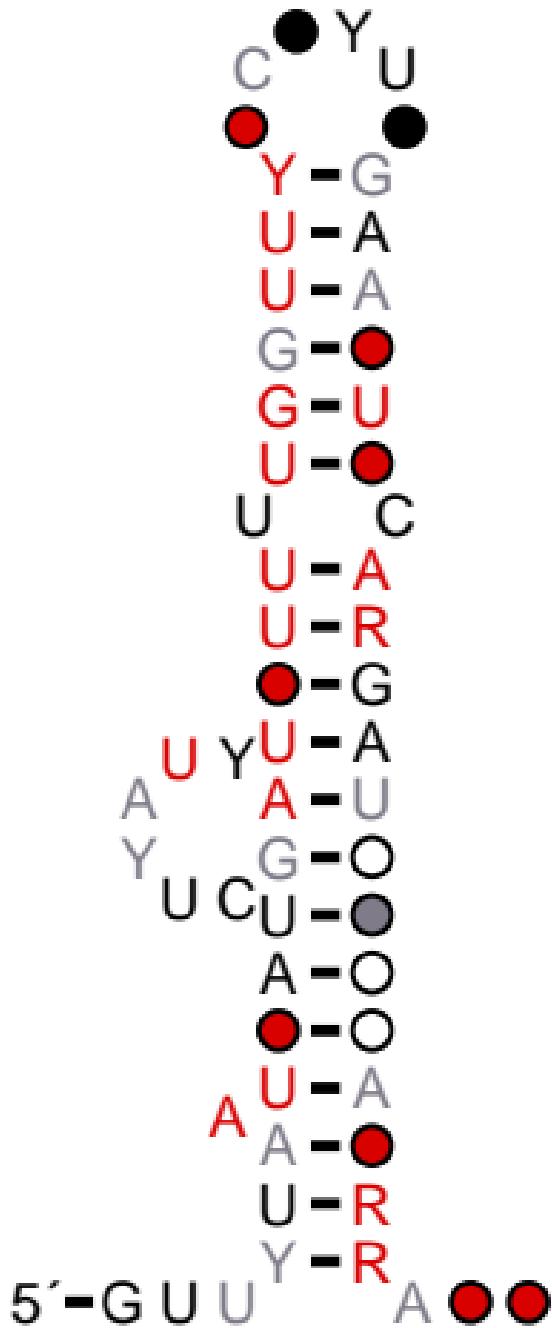
motif484-27663-27687_1

A A
C G
U - A
U - A
G - C
A - U
A - U
G - U A
G - C
A - U
G - C
A - U
5' -

motif485-27692-27751_1

U^A U
U-A
U-A
G-C
U-A
G-C
U-A-U
●-U
●-U
C-G
G-C
●-U
C U
G-C
U-A C
U-A
G-Y U Y
U
A A
Y-R A
U-A
C-G
U-A
U-A
U-A
U-G
U-A
5'

motif486-27816-27874_1



motif487-27883-27916_1

A Y
A U
A - U
G - Y
U U
A - U
C - ●
A - U
A - U
G - ●
C U
A Y
A - U
A - U
U - R
C - G
Y - ●
5'

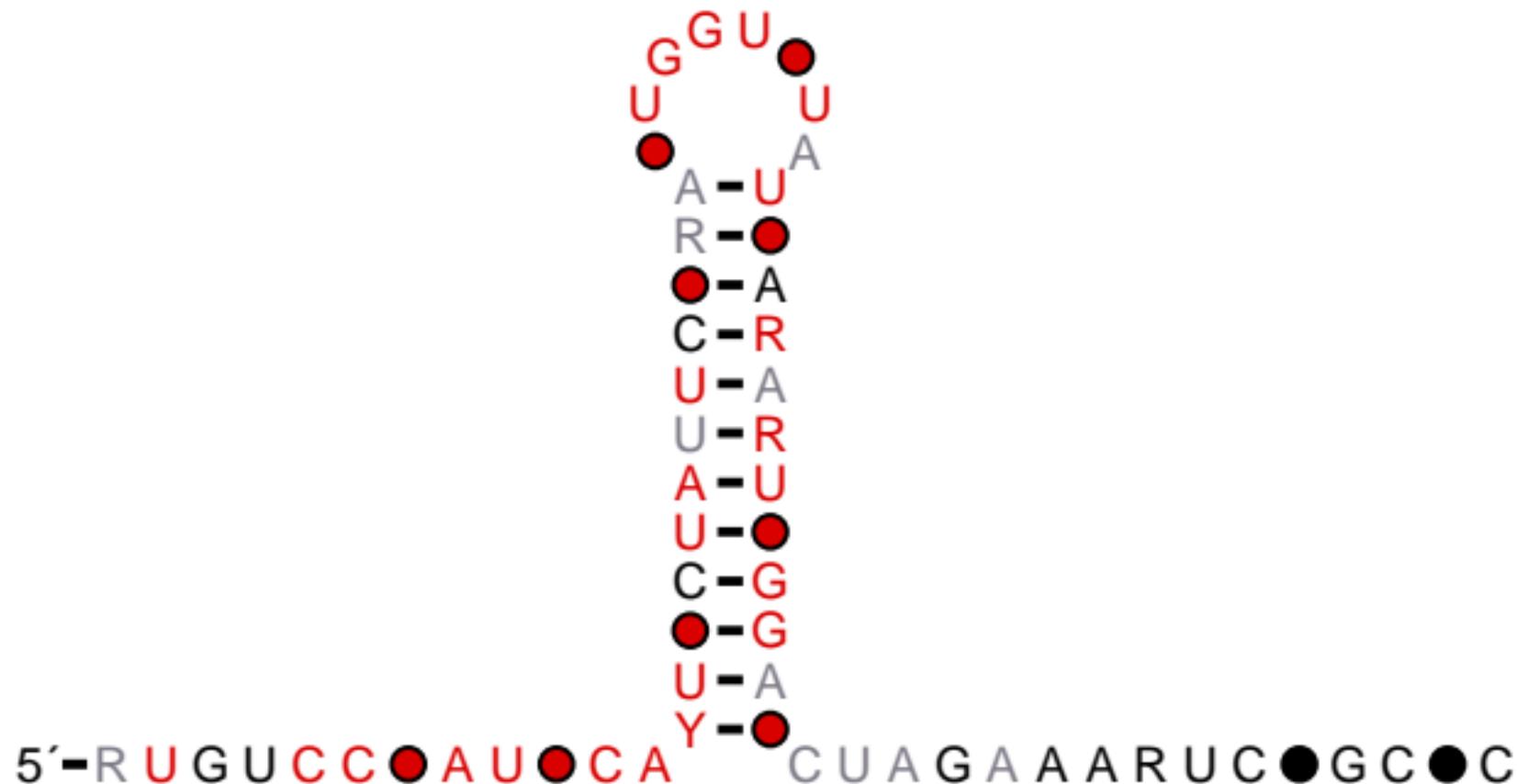
motif488-27924-27968_1

A C C A
C A
U - G
U - A
U - A
A - U
C - G
G - U
U - A
C - G U
G - U
A - U
U - A
G - C
U - A
C - G
A - U C
A - U A
C - G
A - U
5'

motif489-27975-27996_1

U A U G
A U
C A
C - G
A - U
A - U
C - G
U - A
A - U
C - G
5'

motif490-28001-28059_1



motif491-28065-28118_1

U
C A
U - A
U - A
G - U
G - C
● - A
Y G - C
G - C
A G - C
U - A
A - U
G - U
● - C
U - A
Y - R
G - U
U - A
G - C
U U - A
A A - U
G - C
U - G
U - A
A - Y
5' -

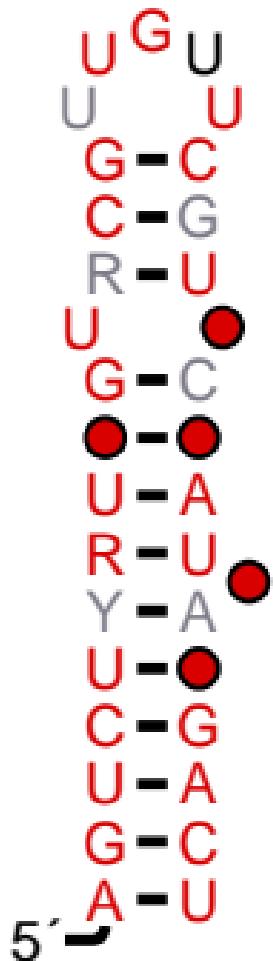
motif492-28122-28147_1

U U C
U C
G - C
A - U
C - G
U A - U
A - U
U A - U
A - Y
U - A
G - C
G - C
5'

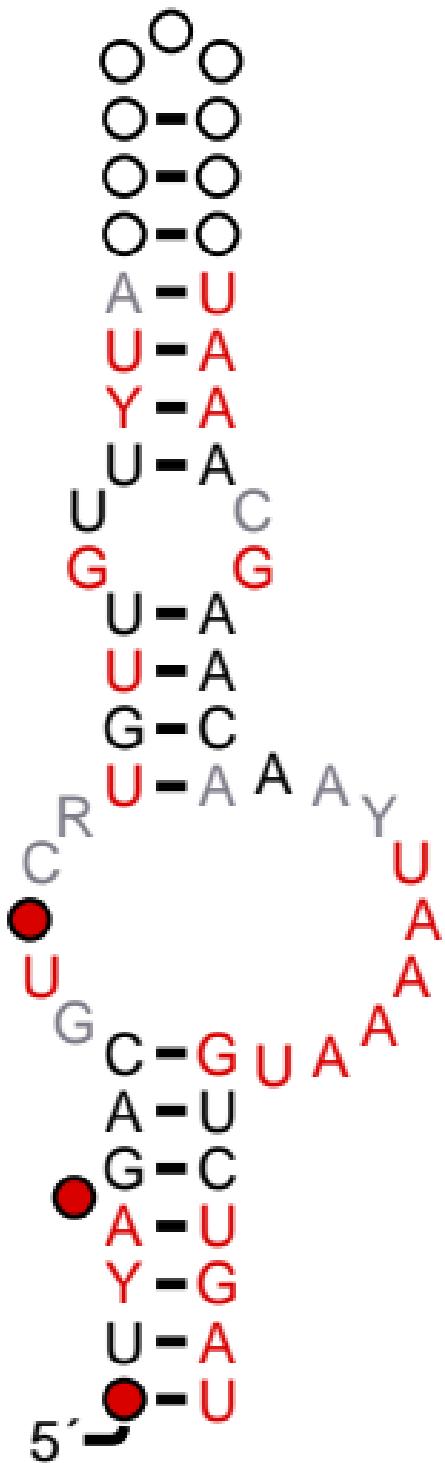
motif49-2623-2639_1

A U G
U U
U U
C = G
G = C
G = U
G = C
C = G
5'

motif493-28182-28215_1



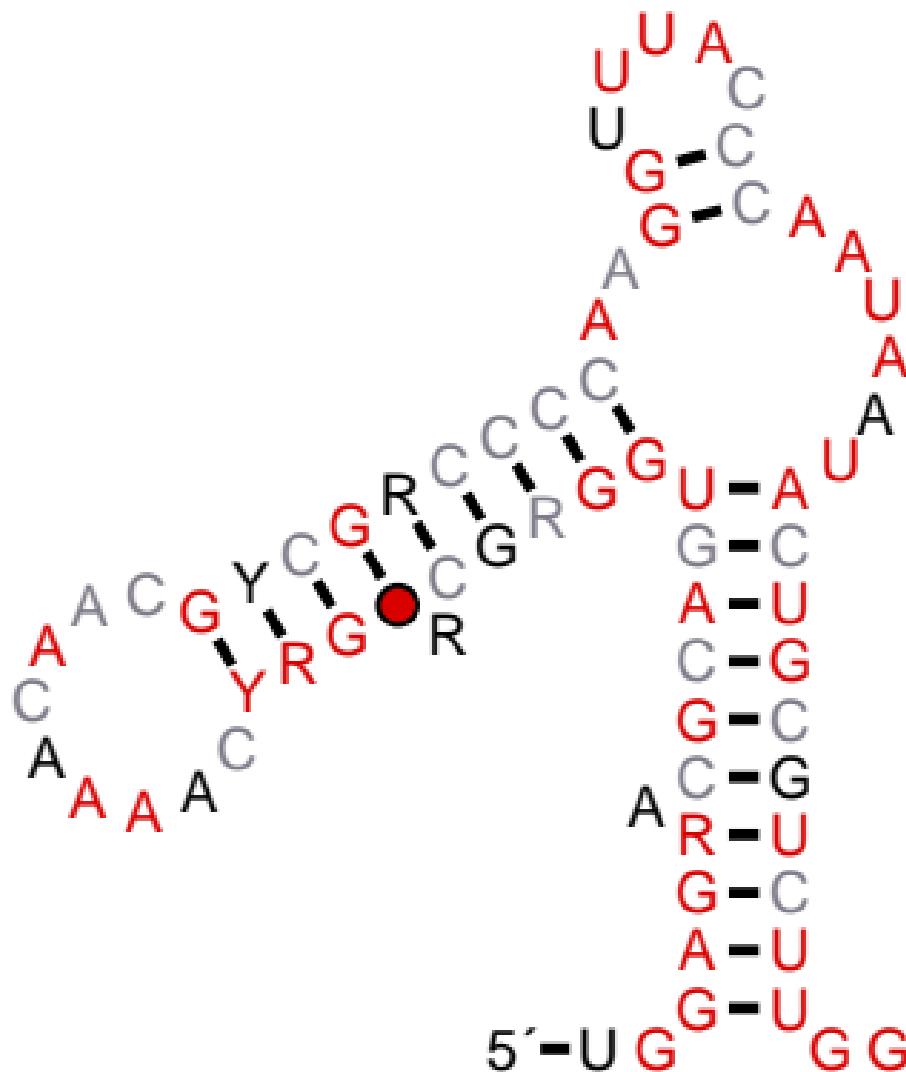
motif494-28225-28282_1



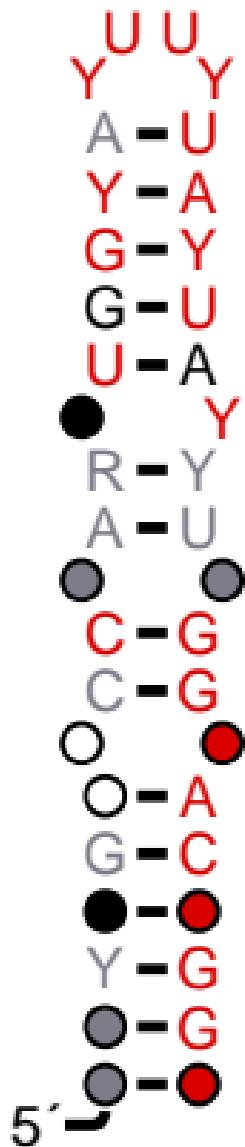
motif495-28286-28332_1

CC
R C
C-G
G-C
U-A
A-U
A-U
● A
G-C
C-G
A-C
G-U
A-U
A-U
C-G
C-G U
C-G
A A
G-C
G-C
5'

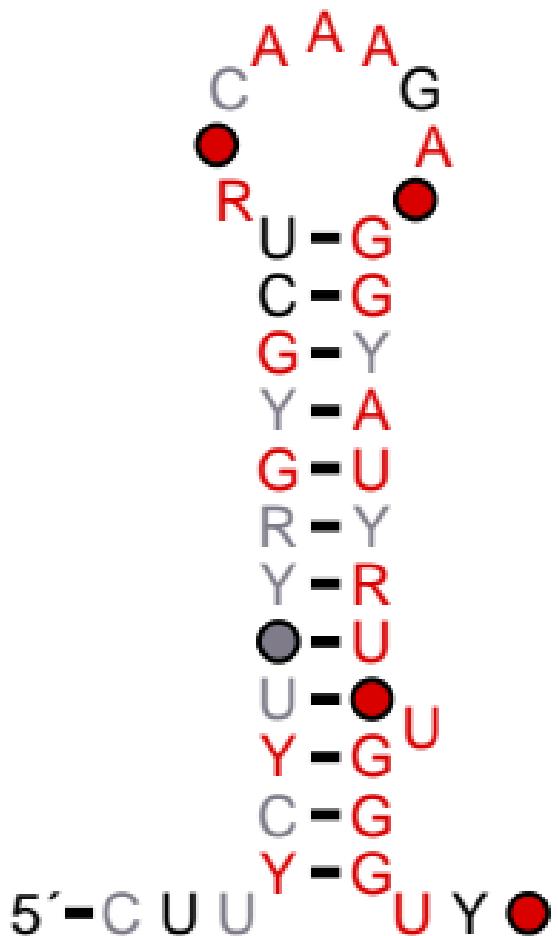
motif497-28360-28429_1



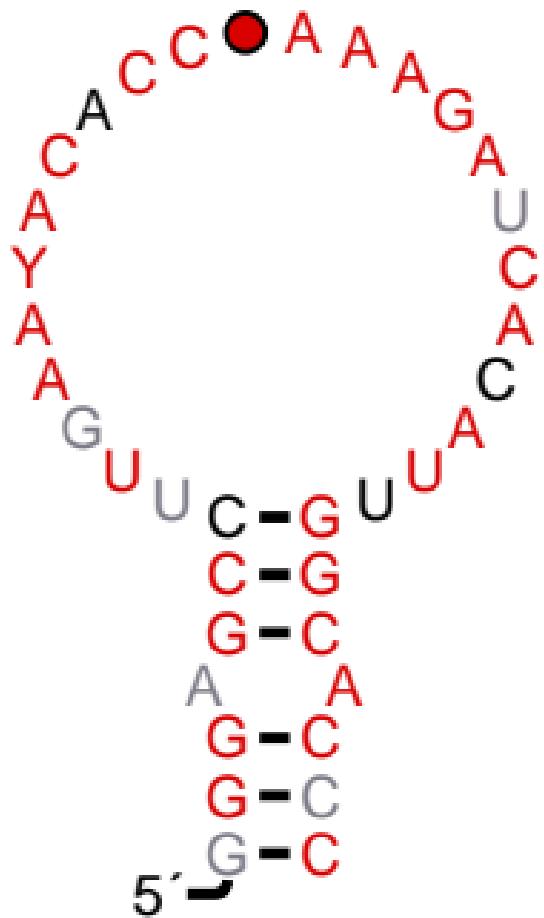
motif499-28583-28621_1



motif501-28634-28673_1



motif502-28681-28718_1



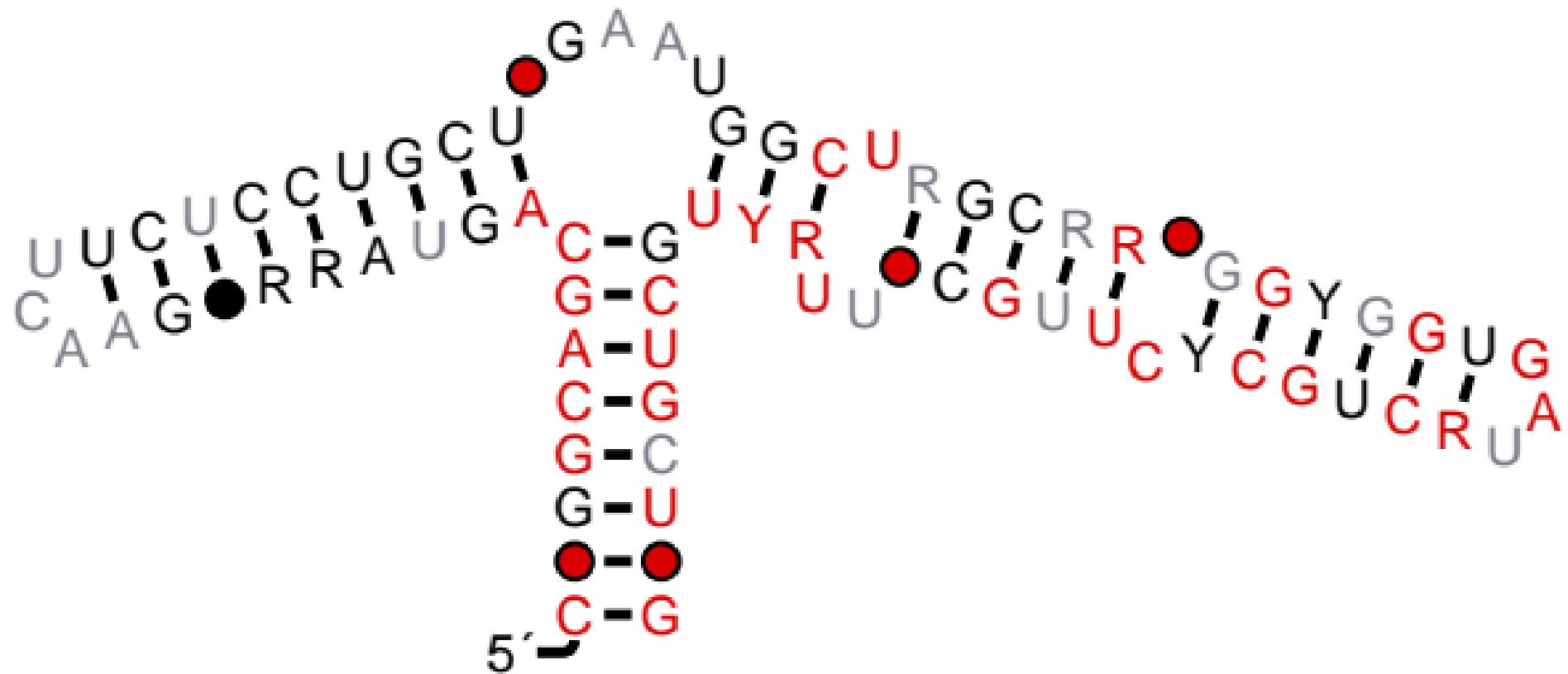
motif50-2650-2666_1

A A G
A U
A A
G = C
A = U
C = G
A = U
C = G
5'

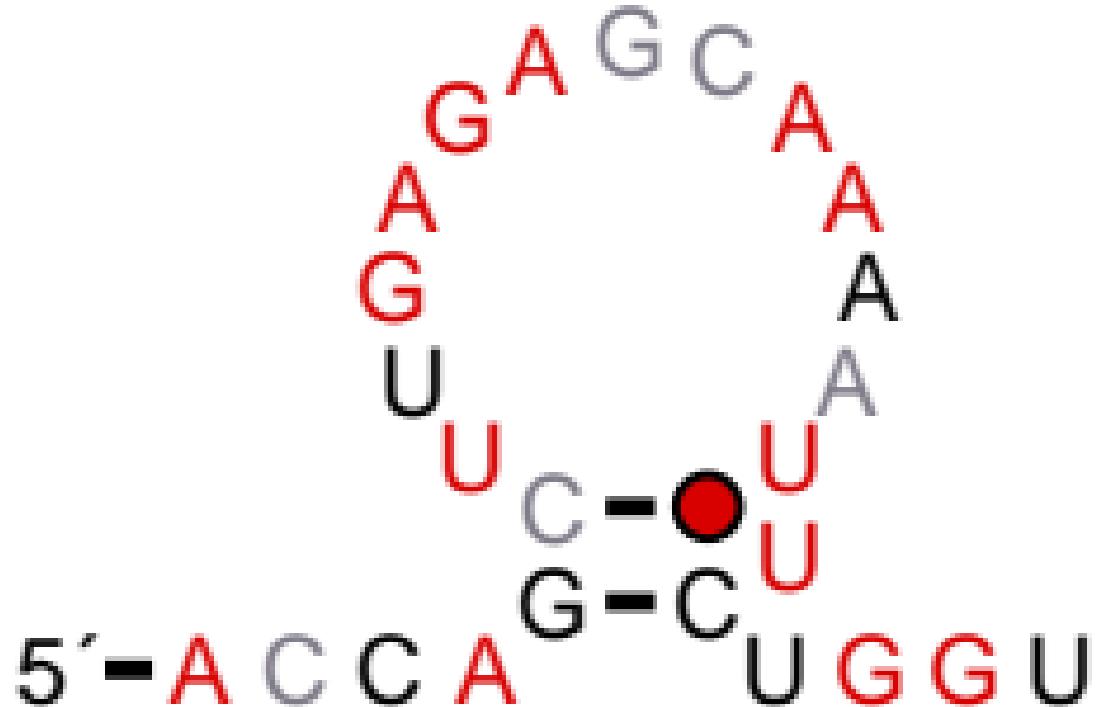
motif506-28786-28842_1

U C
G A
A A
C - G
G - C
G - C
Y U
G - C
G - U
A - U
G - C
A - U C
Y - G
G - U
A - U
R - C
G - Y
G - U Y
A A
G U
A C
C G A
C - G
A - U
U - A
C - G
5'

motif507-28869-28946_1



motif508-28956-28981_1



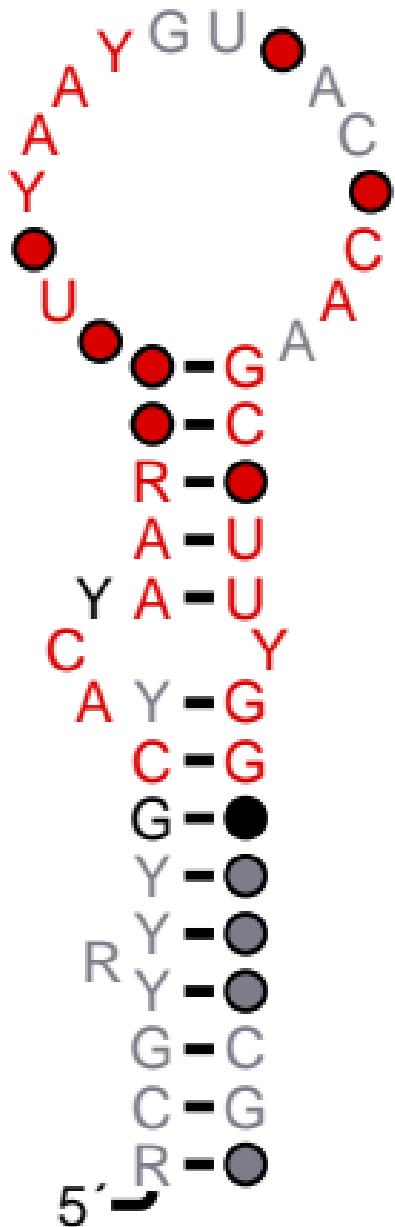
motif509-28985-29003_1

A A C A A
C C
A A
A C - G A
C - G
G = C
5' G = C

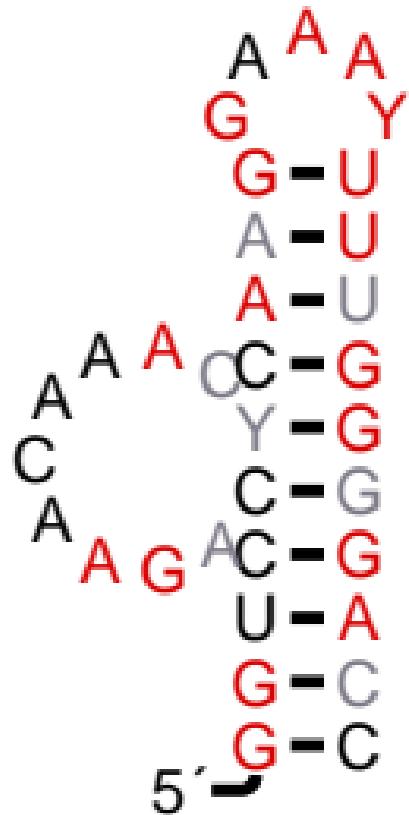
motif510-29026-29052_1

5' U-A
C-G
U-A
U-A
C-G
G-C
G-C
A-U
G-C
U-G
C-R
G-C
U-A

motif511-29056-29104_1



motif512-29105-29138_1



motif51-2682-2705_1

A A A Y
C A
A A
A - U
U - A
G - C
G - C
U U
A - U
G - C
U - A
5'

motif513-29145-29166_1

A **A** G G
C A
A **A**
G - C
A - U
C - G
U - A
A - U
A - U
U - A
5'

motif514-29179-29196_1

C A
G C
U-A
U-A
A-U
A-U
A-U
C-G
G-C
5'

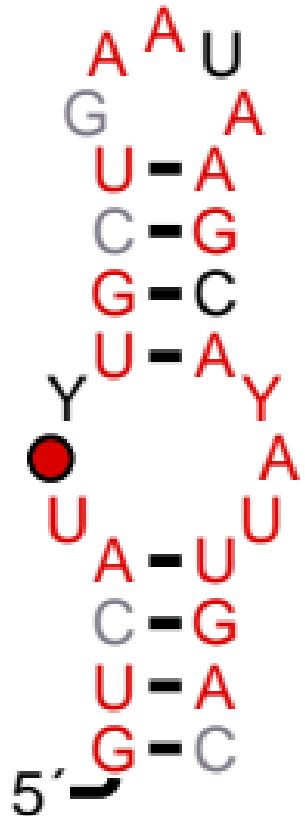
motif515-29260-29283_1

A C A C
U A
C - G
C - G
G A - U
U U - G
G - C
G - C
U - A
5' G - U

motif516-29288-29306_1

C A A
A A
G G
U-A
A-U
G-C
G-C
U-A
U-A
5'

motif517-29321-29347_1



motif519-29396-29418_1

A A
G A
U C
A - U
G = C A
U - A
C - G
G = C
G - C
A - U
A - U
5'

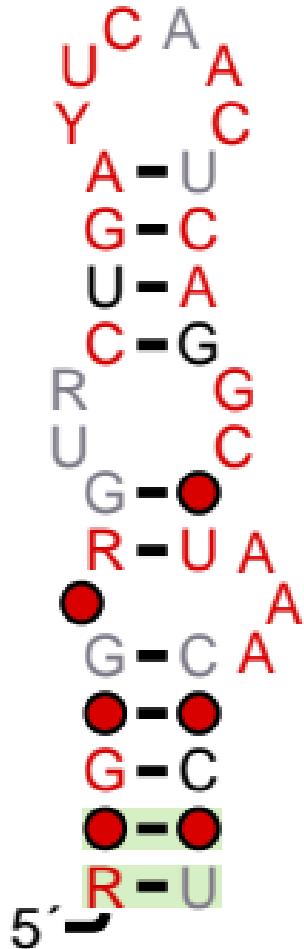
motif520-29422-29463_1

5' G-C
C-G
A-U
G-C
A-U G
A-A
A-U C
G-C
A-U
A-U
G-C
C-A-U
A-U
G-C
A-G-C
A-U
C-G
G-C

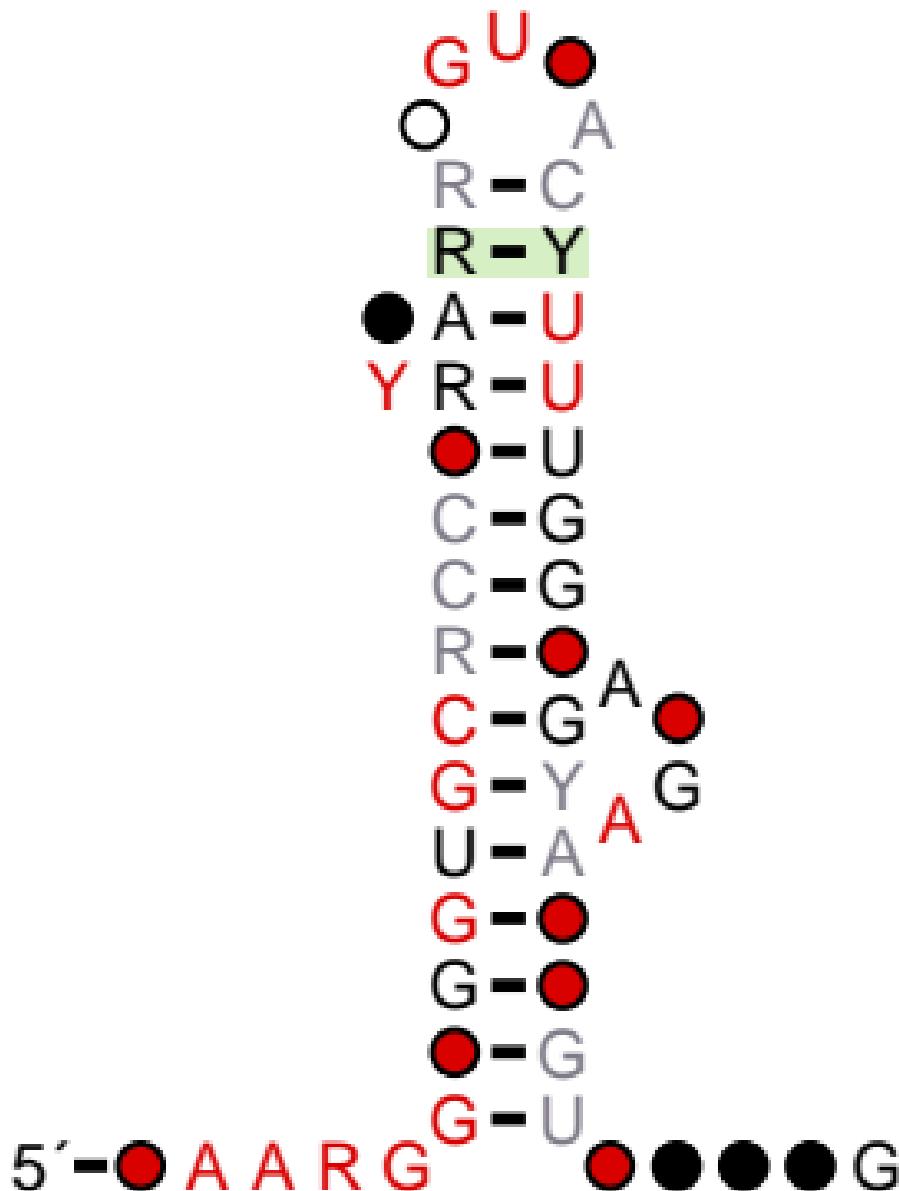
motif521-29464-29496_1

U U
A G U U
G U C
U A - U
G - C
G - C
U - A
Y - R
U - A C
A A
G - Y A
● - U
C - ●
G - C
● - A
5'

motif522-29504-29539_1



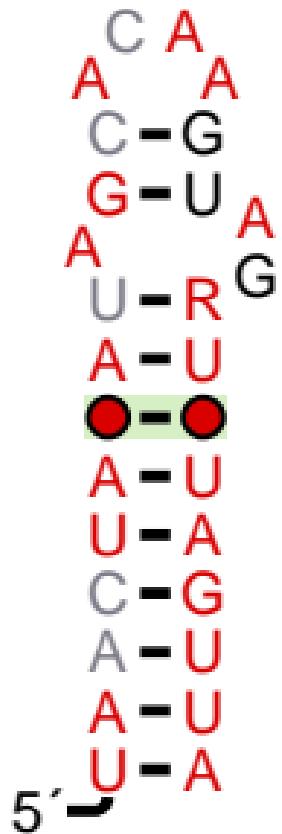
motif52-2710-2759_1



motif523-29548-29613_1

U
U
C C
G-C
C-G
U U
U U
U U-A
G-C
C-G
A A
A A-U
U-A
R-U
U-A
A-U
U-A
C-G
G-U
G-C
G-U
U-A
A G-C
C A-U
G G-C
A-U
A-U
C-G
A-U
C-G
5'

motif524-29629-29657_1



motif53-2767-2800_1

A A ●
R A
U U
G - Y
U - A
R - C
A - ●
G - U
A - U
A - U
Y - G
A U - A
Y - R
G - C
G - U
R - U
5'

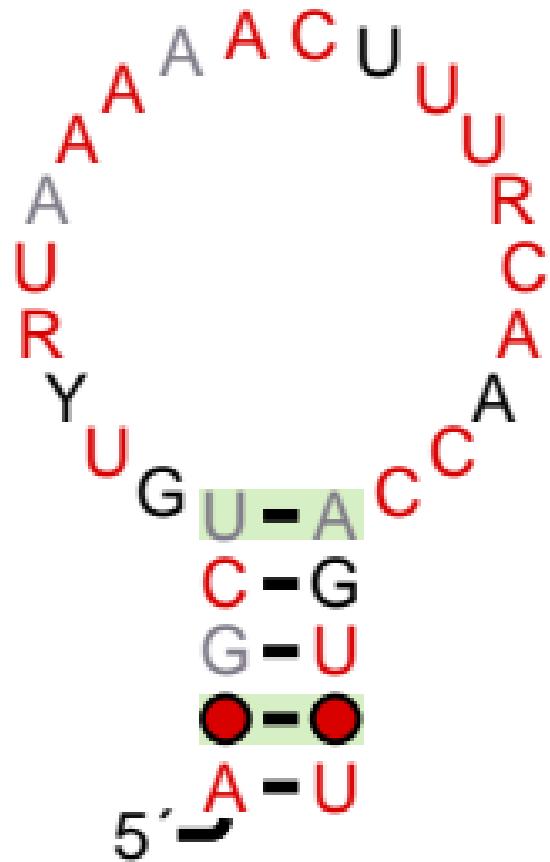
motif54-2818-2837_1

UG
A A
A G
U-A
U-A
C=G
A-U
U-G
G-C
5' A-U

motif55-2838-2894_1

G A
● R
C - G
A - U
U - ● A
G
G - U ●
Y - G
Y - A
Y - R
R - U
A - U
G - Y
● - G
U C
G - ●
● - U
C - G
A - U
Y - G
A - U U
U G
Y - R U
Y - G
R - C
U - ●
5' C - G

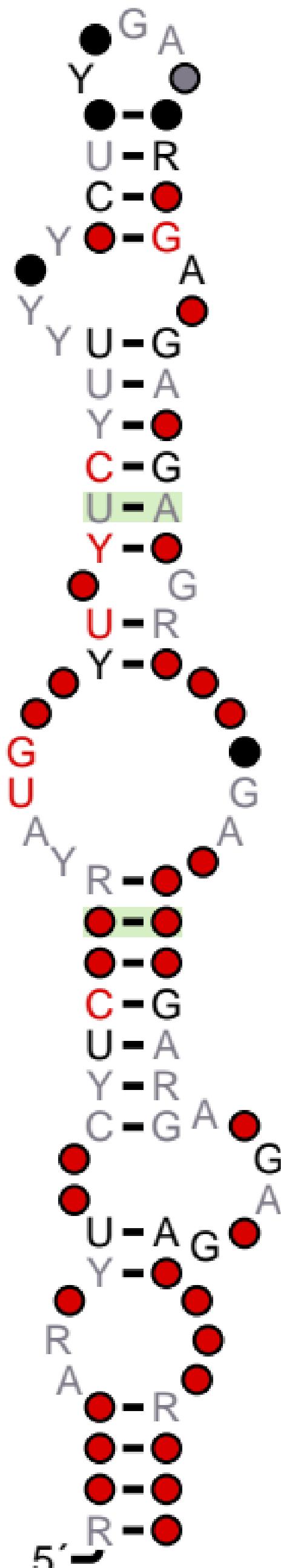
motif56-2895-2924_1



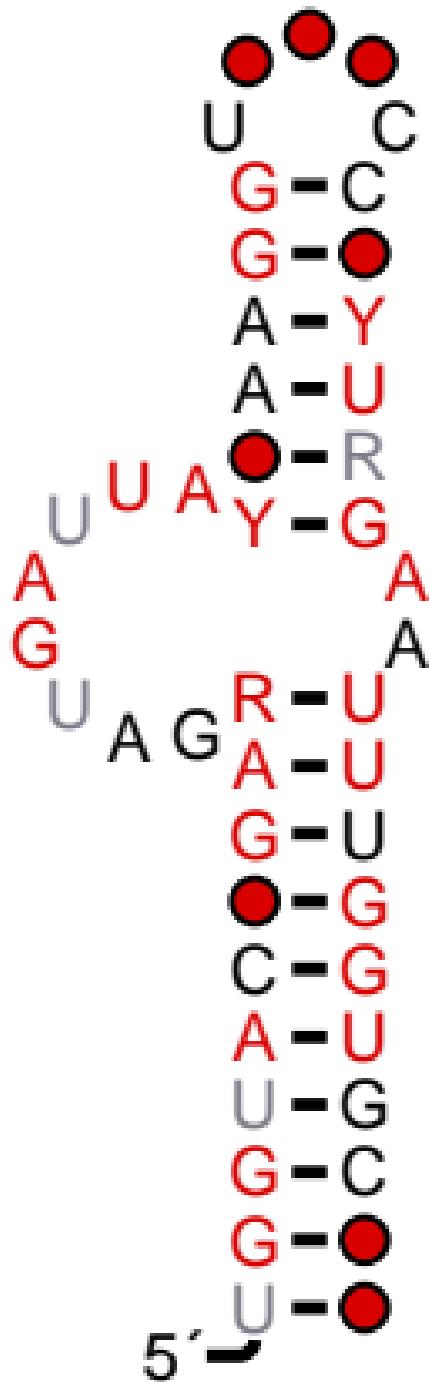
motif57-2940-3002_1

C ●
G A
R - C
U - A
R - U
U - ●
G - Y
G A - U
G U - A
R - Y
A - U
G - U
U - R
A - U
G - U
● - U
U - G
Y Y - A
A U
G U - G
U - A
A Y - ●
G - ●
G - C
G - U
U - G
● - G
R - U
O - G
5'

motif58-3004-3092_1



motif60-3112-3158_1



motif61-3159-3197_1

C Y U G
A A
A A
C - G
U - A
U - A
C - G
U - A
C - G
R - C A
U - A
C - G
G A
U - A
C - G
U - A
U - A
5' C - G

motif62-3200-3269_1

A C A
A A
C - G
U - A
G C
U - G
U - G
G - C
U - A
C - G
A A A - U G
C A
A A C - G G
U - A
G - C
A A
U - A
A - U
G - C
U - A G
A G - C A
U - A
A A
G - C
U - A
G - C
U - A
G - U
U - A
5'

motif63-3274-3325_1

R U U
A R
C - G
U - A
C - G
C A
A U
A G
C - G
U - A
U - A
G - Y
R - Y
A - U A
G - C
U - A
U C
G - C
U - A
Y - G
A - U
A - U
C - G
A - U
A - U
5' -

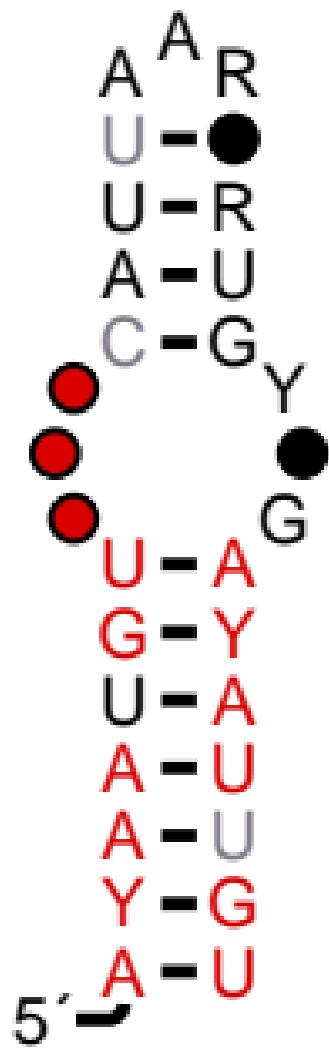
motif64-3327-3348_1

A A G
A U
G G
U - A
U - A
A - U
U - A
C - G
A - U
G - U
A - U
5' ->

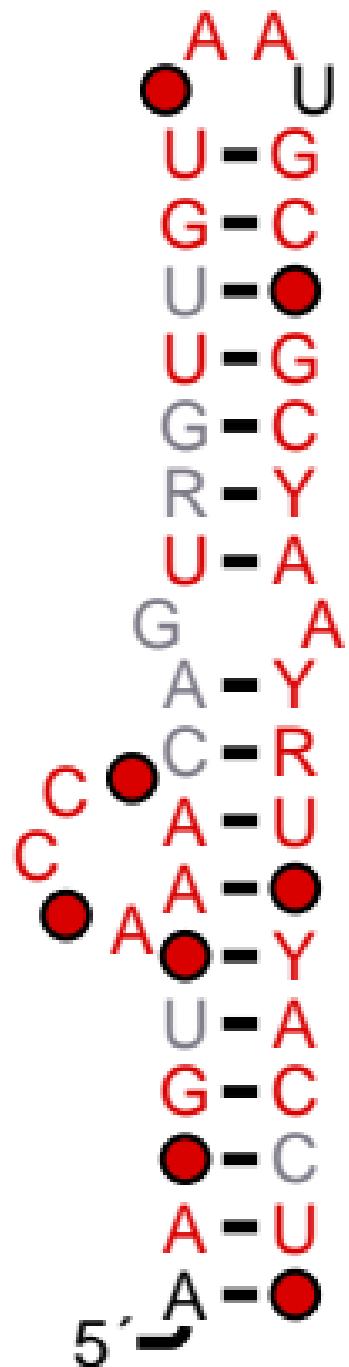
motif65-3350-3370_1

UU
U A
A A
U-A
U-A
G-C U
G-U
U-A
●-C
A-U
5' -

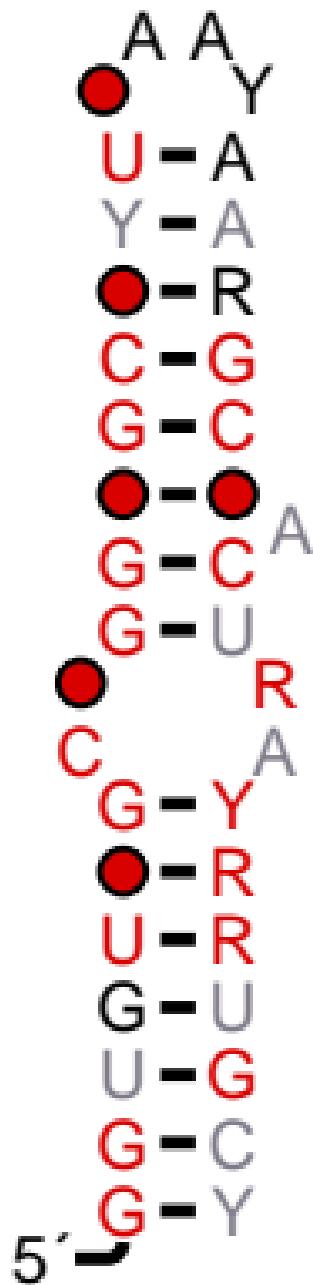
motif66-3372-3402_1



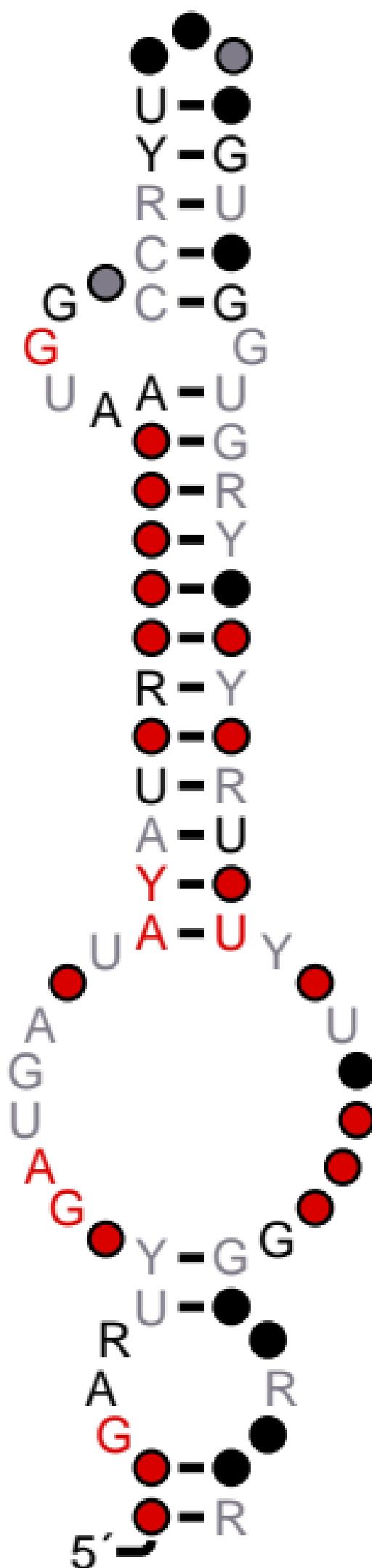
motif67-3416-3460_1



motif68-3473-3511_1



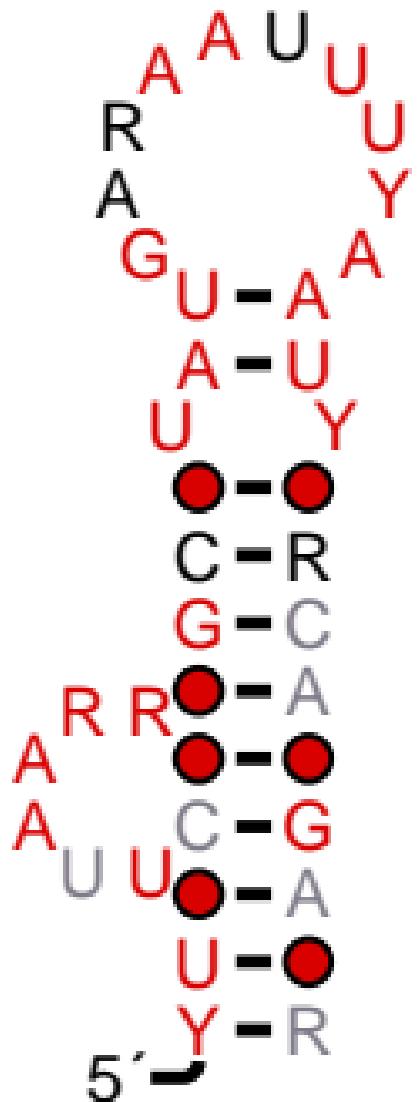
motif69-3519-3591_1



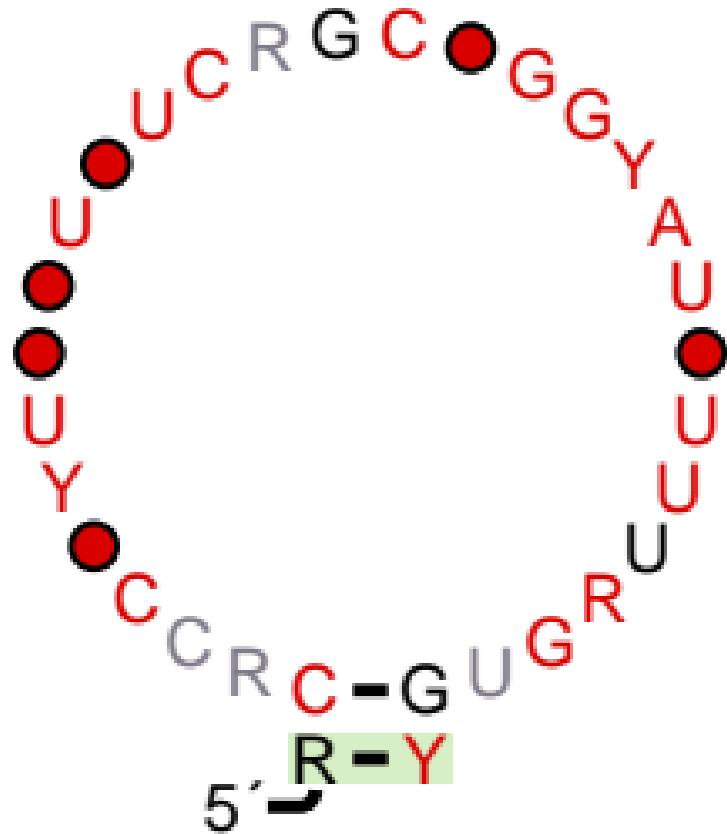
motif70-3605-3647_1



motif71-3653-3692_1



motif72-3701-3732_1



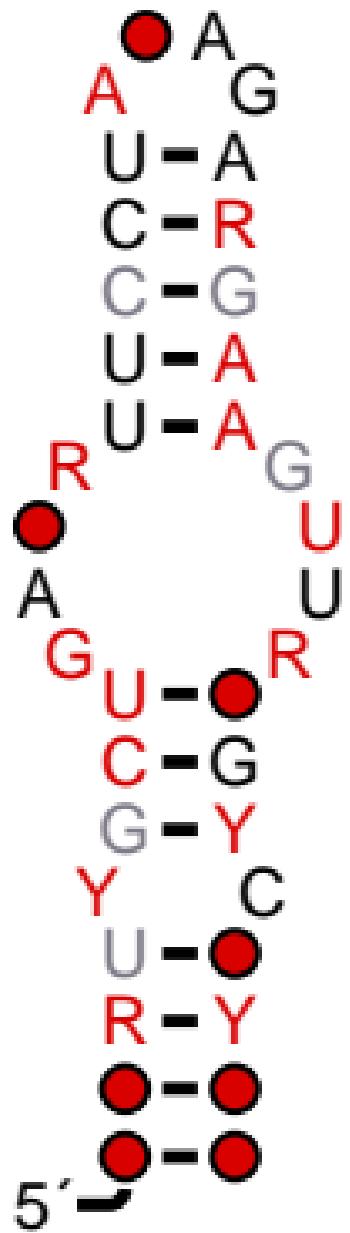
motif73-3738-3764_1

U^A A
U - G
U - A
C - G
U U
U U
A - U
C - G
A - U
U - G
A - U
U - A
C - G
5'

motif74-3819-3862_1

A A
G A
R - U
U - G
U - A
U - A
U - G
U - A
C - G
G - U G
A
R A
C A
U = A
U - A
U - R
G - C
U - A
U - A
C - G
A - U
A - ●
5'

motif75-3870-3907_1



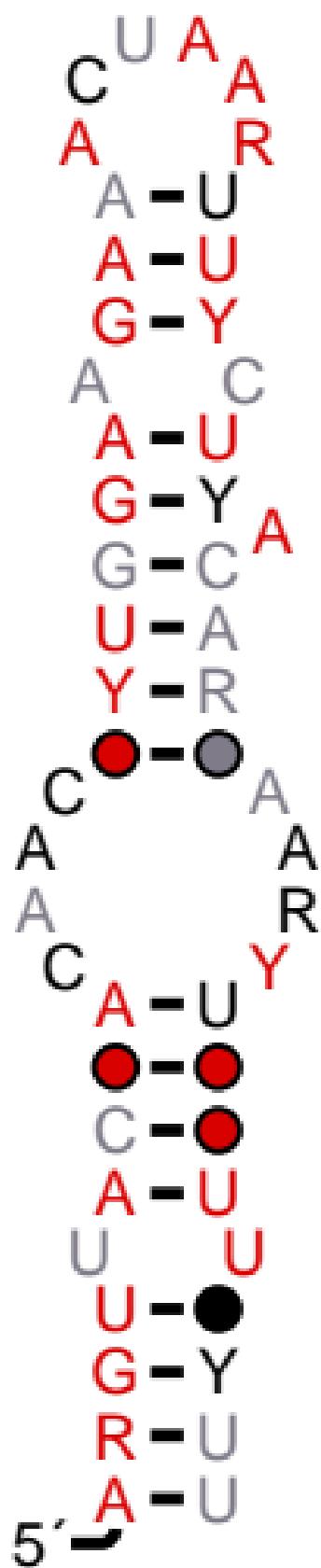
motif76-3909-3932_1

U A A A
G C
A C
A - U
A - U
G - C
U - A
C - G
A - U
A - U
5' U - G

motif77-3943-3970_1

G A
A A
A A
U - A
A - U
G - C
U - A A
A A
G - C G
A - U
A - U
C - G
A - U
5'

motif78-3978-4030_1



motif79-4033-4082_1

A U C
C U C
U - A
C - G
U - A
A - U U
A - U C
C - G
G - C
G - C
U - A Y
A U U C
U U A - U
C - G
A - U
G - U
● - A
U - R
A - ●
U - G
5'

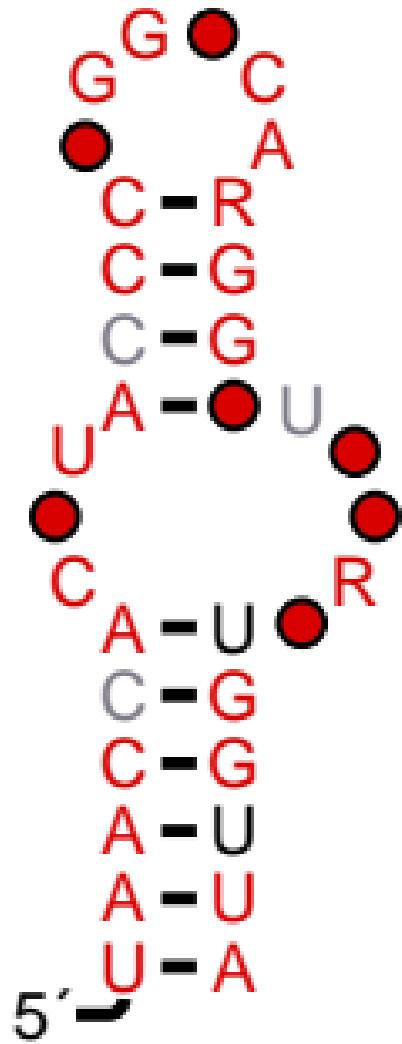
motif8-188-218_1

U U C G
U U
G - C
G - C
C - G
A - U
U - G U
U C - G U
G - C
U - A
C - G
G - C
5' G - C

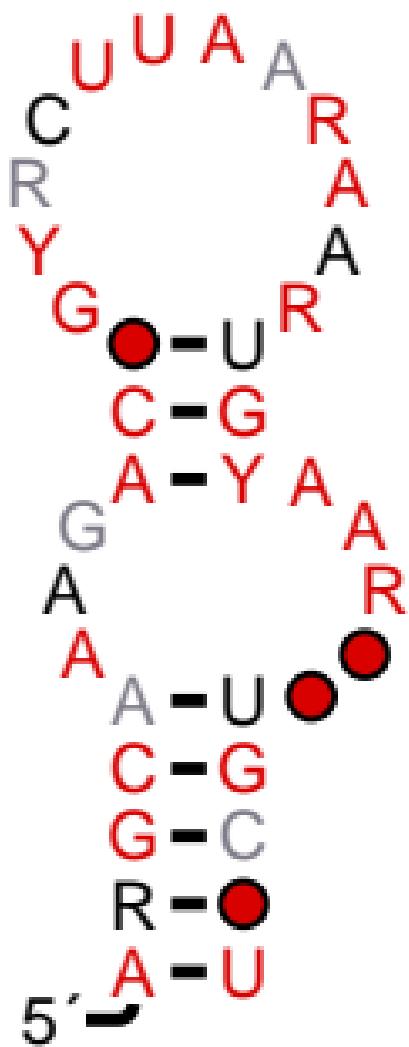
motif82-4182-4232_1

R C R A
● U — R R
C — G
U G — C
A — ●
R — U
A — U
G — R
● — A
C = R R
A A
U — R A
C — G
A — U
Y — R
G — C
G — C
U — R
G — R
G — Y
U — ●
5' C — G

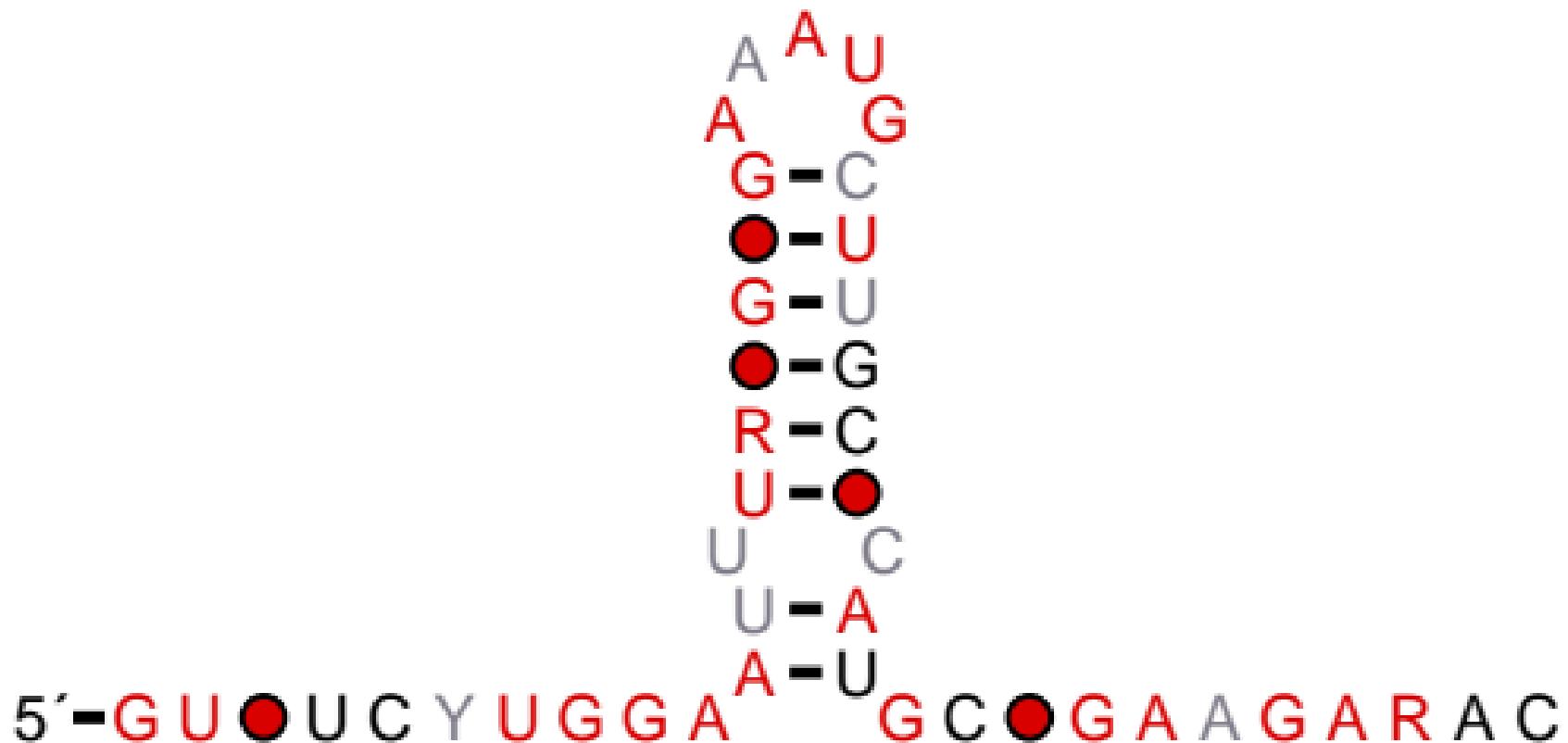
motif83-4242-4275_1



motif84-4287-4322_1



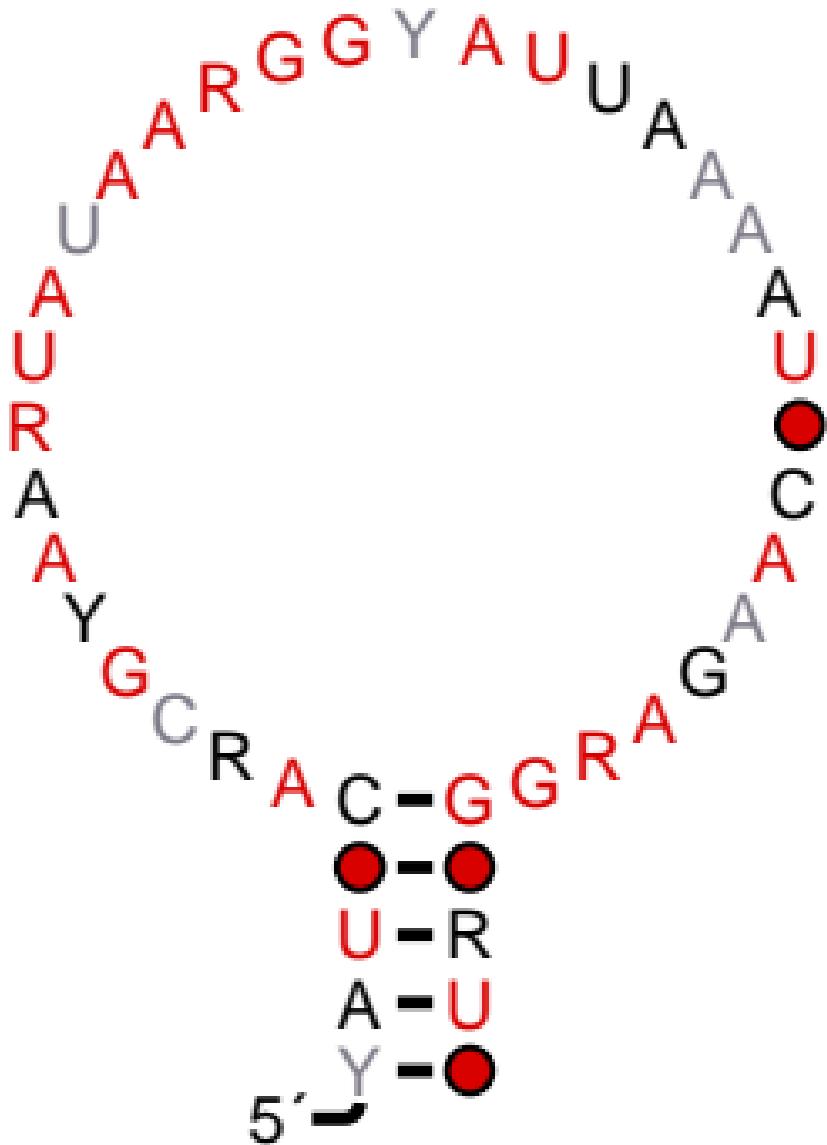
motif87-4376-4419_1



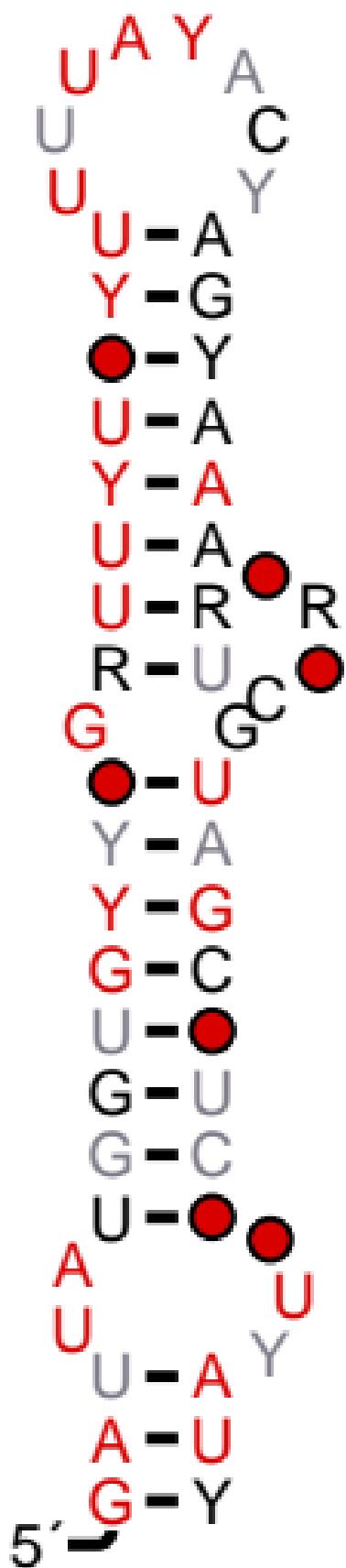
motif89-4445-4464_1

G C
A C
A A
A - U
U - A
C - G
A - U
A - U
A - U
G - C
5'

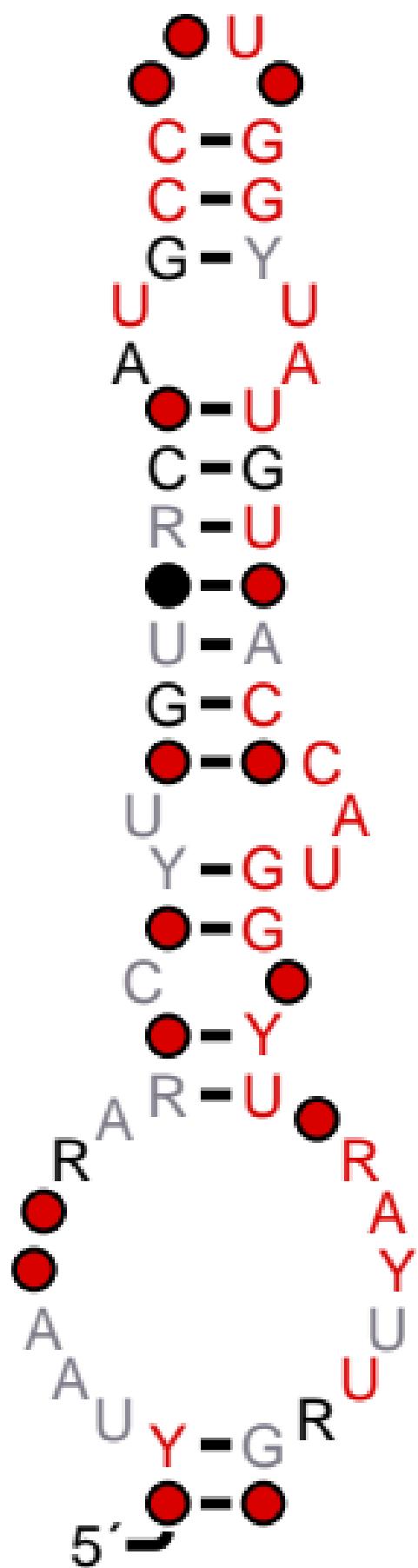
motif90-4468-4510_1



motif91-4514-4570_1



motif92-4585-4644_1



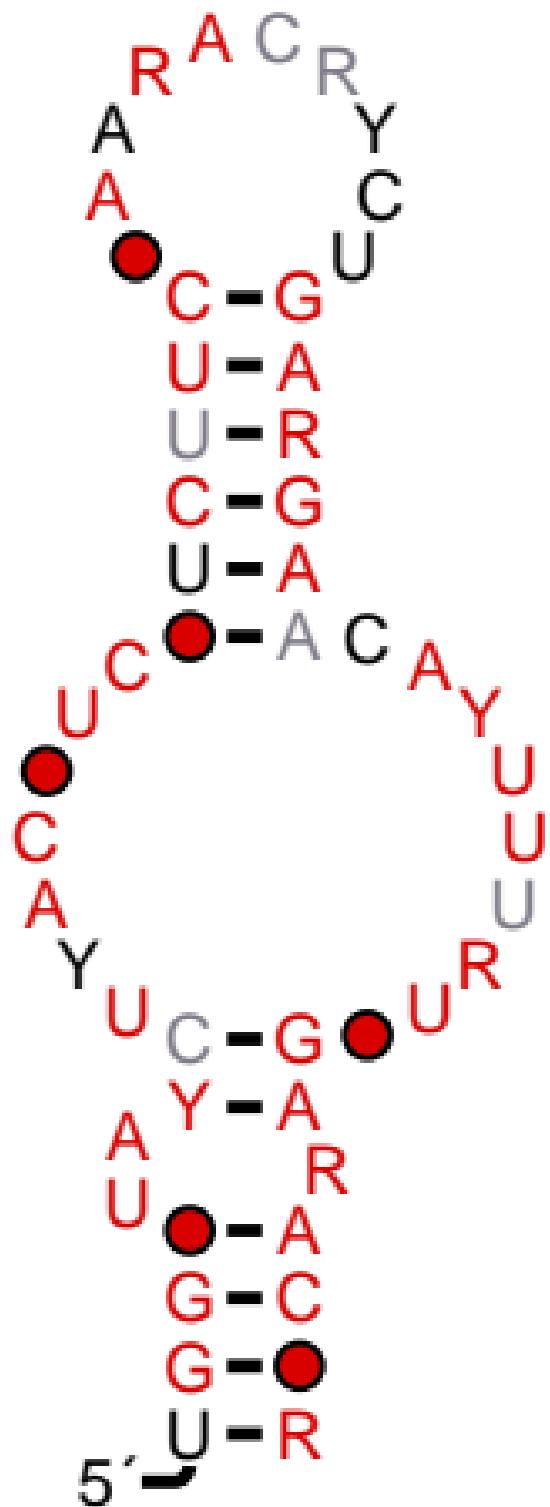
motif93-4645-4693_1

UC
● U
G - C
● - U
G - Y
U - A A
A Y - G R
R - Y
U - ●
● - C
G - C
● - ●
C - G
G - C Y
Y - A Y R
C - G
G - U
R - ●
A - U
G - C
A - ●
5'

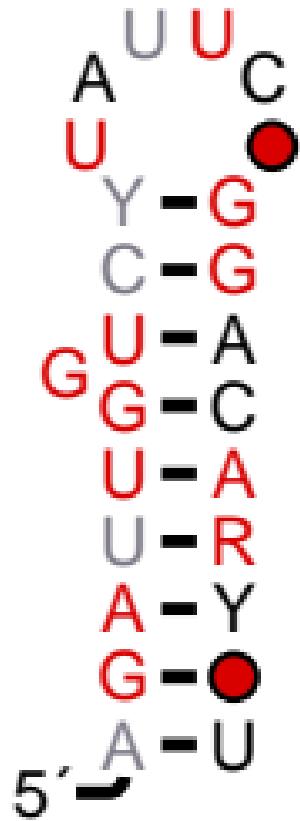
motif9-347-395_1

U R G
G A
Y - R
C - G
U - A G
Y - G
A - Y
G - Y
● - Y
G - U A
G - C ●
Y - R
U - G
U - A
Y - R
G G
G - C
U - A
G - C
C - G
R - U
5' G - ●

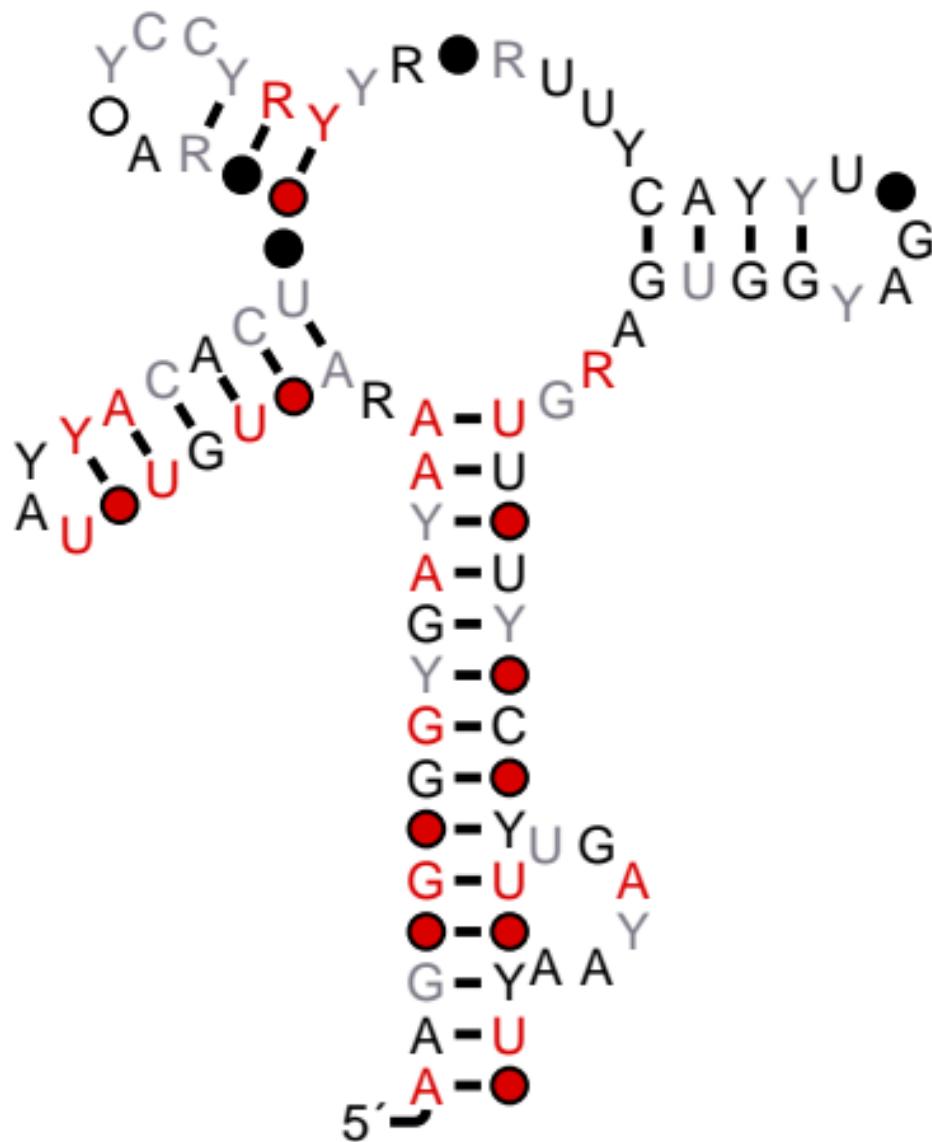
motif95-4726-4778_1



motif96-4801-4825_1



motif97-4850-4933_1



motif98-4938-4960_1

U U
C - G
U - A
Y - G
U - A
C - G
U - A
U - A
C - G
A - U
5' C - ●

ScanFold+PSKT_1

