



## Mature

## Star

cagagaaccgcuuuuccauuccuuggcacugguagaaauucacugaugcaauuguuauucaguaauucauuagugccaaaaaucgauggcgucugaacgacaagcaauuuuacaa

.....cuuggcacugguaga	9	1	Fm3
.....cuuggcacugguagG	1	1	Fm3
.....cuuggUacugguaga	4	1	Fm3
.....cuuggcaUugguaga	1	1	Fm3
.....cuuggAacugguaga	1	1	Fm3
.....cuugUcacugguaga	2	1	Fm3
.....cuuggcacugguagaauG	2	1	Fm3
.....cuuggcacuGguaga	1	1	Fm3
.....cuuggcacugguagaauGcacuga	2	1	Fm3
.....cuuggcacugguagaauucacugU	167	1	Fm3
.....cuuggcacugguagaauucacugG	1	1	Fm3
.....Auuggcacugguaga	1	1	Fm3
.....cuuggcacugguaga	70	0	Fm3
.....cuuggcacugguagaauucacugUu	4	1	Fm3
.....cuuggcacugguagaauucacugaA	27	1	Fm3
.....cuuggcacugguagaauucacugauU	1	1	Fm3
.....uuggcacugguagaauuc	5	0	Fm3
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.....uuggcacugguagaauGcac	1	1	Fm3
.....uuggcacugguagaauuUacu	1	1	Fm3
.....uuggcacugguagaauucacuc	108	0	Fm3
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.....uuggcacugGgaga	1	1	Fm3
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.....uuggcacugguagaauAacacuga	5	1	Fm3
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.....uuggcacuAguaga	1	1	Fm3
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.....uuggcacugguagaauucacugau	20	0	Fm3
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.....cacuUguaga	1	1	Fm3
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.....cacugguagaauucacuga	20	0	Fm3
.....cacugguagaauucacGga	1	1	Fm3

## Mature

## Star

cagagaaccgcuuuuccauucuuggcacugguagaaauucacugaugcaauuguuuuucaguauucaguauuucauuagugccaaaaaaucgauggcgucugaacgacaagcaauuuaacaa

.....cacugguaga <u>auucacu</u> Ua.....	1	1	Fm3
.....cacugguaga <u>auucacu</u> Ca.....	1	1	Fm3
.....cacugguaga <u>auucacu</u> gU.....	47	1	Fm3
.....cacugguaga <u>auucacu</u> gA.....	3	1	Fm3
.....acugguaga <u>auucacu</u> gU.....	2	1	Fm3
.....acugguaga <u>auucacu</u> gGa.....	4	1	Fm3
.....cugguaga <u>auucacu</u> gUu.....	3	1	Fm3
.....cugguaga <u>auucacu</u> .....guaa <u>uucauuagugc</u> caaaU.....	1	1	Fm3
.....guaa <u>uucauuagugc</u> caaaa.....	1	0	Fm3
.....guaa <u>uucauuagugc</u> caaaaau.....	2	0	Fm3
.....cuuggcacugguaga <u>auucacu</u> .....	13	0	Mm2
.....cuuggcacugguaga <u>auucacu</u> g.....	13	0	Mm2
.....cuuggcacugguaga <u>auucacu</u> gG.....	1	1	Mm2
.....cuuggcacugguaga <u>auucacu</u> gU.....	2	1	Mm2
.....cuuggcacugguaga <u>auucacu</u> gA.....	3	0	Mm2
.....cuuggcacugguaga <u>auucacu</u> gA.....	2	1	Mm2
.....uuggcacugguaga <u>auucacu</u> .....	1	0	Mm2
.....uuggcacugguaga <u>auu</u> A <u>acu</u> g.....	1	1	Mm2
.....uuggcacugguaga <u>auucacu</u> g.....	3	0	Mm2
.....uuggcacugguaga <u>auu</u> A <u>acu</u> gA.....	1	1	Mm2
.....Auggcacugguaga <u>auucacu</u> gA.....	1	1	Mm2
.....Nuuggcacugguaga <u>auucacu</u> gA.....	1	1	Mm2
.....uuggcacugguaga <u>Guucacu</u> gA.....	1	1	Mm2
.....uuggcacugguaga <u>auucacu</u> gA.....	8	0	Mm2
.....uuggcacugguaga <u>auucacu</u> gA.....	4	1	Mm2
.....cuuggcacugguaga <u>auucacu</u> .....	20	0	Mm1
.....cuuggcacugguaga <u>auucacu</u> gA.....	18	0	Mm1
.....cuuggcacugCuaga <u>auucacu</u> gA.....	1	1	Mm1
.....uuggcacugguaga <u>auucacu</u> gA.....	11	0	Mm1
.....cuugA <u>cacugguaga</u> aa <u>uuc</u> .....	1	1	Fm1
.....cuuggcacugguaga <u>aa</u> uuc.....	8	0	Fm1
.....cuuggcacugguaga <u>aa</u> uucac.....	28	0	Fm1
.....cuuggN <u>acugguaga</u> aa <u>uucacu</u> .....	1	1	Fm1
.....cuuggcacugguaga <u>aa</u> uA <u>acu</u> .....	13	1	Fm1
.....cuuggcacugguaga <u>aa</u> uucA <u>u</u> .....	1	1	Fm1
.....Auuggcacugguaga <u>aa</u> uucacu.....	2	1	Fm1
.....cuuggcacugguaga <u>aa</u> uucacu.....	2124	0	Fm1
.....cuuggcacugguaga <u>aa</u> uucAGu.....	1	1	Fm1
.....cuuggcacU <u>ugguaga</u> aa <u>uucacu</u> .....	2	1	Fm1
.....cuuggcacugguA <u>aa</u> uucacu.....	1	1	Fm1
.....cuuggcacugguU <u>ga</u> aa <u>uucacu</u> .....	1	1	Fm1
.....cuuggcacugguaga <u>aa</u> Gu <u>acu</u> .....	5	1	Fm1
.....cuuggcacuggC <u>aga</u> aa <u>uucacu</u> .....	1	1	Fm1
.....cuuggcacugguaga <u>aa</u> uucU <u>cu</u> .....	1	1	Fm1
.....Uuuggcacugguaga <u>aa</u> uucacu.....	7	1	Fm1
.....cuuggcacugguagU <u>aa</u> uucacu.....	1	1	Fm1
.....cuuggcacugAuaga <u>aa</u> uucacu.....	5	1	Fm1
.....cuuggcacugguaga <u>aa</u> uucacG.....	5	1	Fm1
.....cuuggcacugguaga <u>aa</u> UG <u>acu</u> .....	11	1	Fm1
.....Nuuggcacugguaga <u>aa</u> uucacu.....	3	1	Fm1
.....cuuggcacugguaga <u>aa</u> uucG <u>cu</u> .....	1	1	Fm1
.....cuuggcacugguaga <u>aa</u> UC <u>acu</u> .....	21	1	Fm1
.....cuugU <u>cacugguaga</u> aa <u>uucacu</u> .....	7	1	Fm1
.....cuuggcacugguaga <u>aa</u> A <u>ucacu</u> .....	1	1	Fm1
.....cAuggcacugguaga <u>aa</u> uucacu.....	1	1	Fm1
.....cuuggcacugguaga <u>aa</u> C <u>ucacu</u> .....	7	1	Fm1
.....cuuggcacugU <u>aga</u> aa <u>uucacu</u> .....	2	1	Fm1
.....cuuggcacuA <u>guaga</u> aa <u>uucacu</u> .....	1	1	Fm1
.....cuuggcacugguaga <u>aa</u> U <u>Acu</u> g.....	17	1	Fm1
.....cuuggcacugAuaga <u>aa</u> uucacu.....	7	1	Fm1
.....cuuggcacugguaga <u>aa</u> uucacu.....	2899	0	Fm1
.....cuuggcacugguaga <u>aa</u> uucU <u>cu</u> g.....	1	1	Fm1
.....cuuggcacugguaga <u>aa</u> UG <u>acu</u> g.....	12	1	Fm1
.....cuuggcacugCuaga <u>aa</u> uucacu.....	1	1	Fm1
.....Nuuggcacugguaga <u>aa</u> uucacu.....	2	1	Fm1
.....cuugA <u>cacugguaga</u> aa <u>uucacu</u> .....	1	1	Fm1
.....cuuggcacugguaA <u>aa</u> uucacu.....	1	1	Fm1

## Mature

## Star

cagagaaccgcuuuuccauucuuggcacugguagaauucacugaugcaauuguuauucaguaauucauuagugccaaaaucggauggcgucugaacgacaagcaauuuuacaa

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.cuuggcacugguagaauCcacug.....	22	1	Fm1
.cuuggcacugguagaauucacuU.....	25	1	Fm1
.cuuggcacugguagUauucacug.....	1	1	Fm1
.cuuggcacugUuagaauucacug.....	6	1	Fm1
.cuuggcacugguagaaAucacug.....	11	1	Fm1
.cuuggcacuCGuagaauucacug.....	1	1	Fm1
.cuuggcacugguagaaGucacug.....	7	1	Fm1
.cuuAGcacugguagaauucacug.....	1	1	Fm1
.Auuggcacugguagaauucacug.....	1	1	Fm1
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.Uuuggcacugguagaauucacug.....	6	1	Fm1
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.cuuggcacugguagaaCucacug.....	6	1	Fm1
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.cuuggcacugguagaauucacugG.....	11	1	Fm1
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.cuuggcacugguagaauucacugU.....	252	1	Fm1
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.cuAGgcacugguagaauucacuga.....	1	1	Fm1
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.uuggcacugguagaauCcacu.....	1	1	Fm1
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.uuggcacugguagaauucacuA.....	4	1	Fm1
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.uuggcacuAguagaauucacuga.....	1	1	Fm1
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.uuggcacugguagaauucUcuga.....	1	1	Fm1
.uuggcacugguagaauuUacuga.....	5	1	Fm1
.uuggcacuggGagaauucacuga.....	5	1	Fm1
.uuggcacugguagaauucacugG.....	11	1	Fm1
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.uuggcacugguagaauuGacuga.....	5	1	Fm1
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.uuggcacugguagaauucacugau.....	27	0	Fm1
.uuggcacugguagaauucacugaA.....	512	1	Fm1

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## Star

cagagaaccgcuuuuccauucuuggcacugguagaaauucacugaugcaauuguuuuucaguaauucauuagugccaaaaaucgauggcgucugaacgacaagcaauuuuacaa

.....uuggcacugguagaauucacugaAg.....	1	1	Fm1
.....uuggcacugguagaauucacugauU.....	2	1	Fm1
.....uuggcacuggAagaauucacugaugcaau.....	1	1	Fm1
.....uuggcacugguagaauucacugaugcaau.....	2	0	Fm1
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.....cacugguagaauucacuU.....	4	1	Fm1
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.....cacugguagaauucacuga.....	17	0	Fm1
.....cacugguagaauucacGga.....	3	1	Fm1
.....cacugguagaauucacugU.....	13	1	Fm1
.....cugguagaauucacugau.....	1	0	Fm1
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.....Uuuggcacugguagaauucacu.....	4	1	Fm2
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.....cuuggcaUugguagaauucacu.....	2	1	Fm2
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.....Auuggcacugguagaauucacu.....	2	1	Fm2
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.....cuuggcacugguagaauucUcu.....	1	1	Fm2
.....cuuggcCugguagaauucacu.....	1	1	Fm2
.....cuuggcacCgguagaauucacu.....	2	1	Fm2
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.....cuuggUacugguagaauucacu.....	24	1	Fm2
.....cuuggcacugguagaauGucacu.....	12	1	Fm2
.....cuuggcacugUaagaauucacu.....	7	1	Fm2
.....cuuggcacugguagaauGcacu.....	37	1	Fm2
.....Uuuggcacugguagaauucacug.....	2	1	Fm2
.....cuuggcacugguagaauucacuC.....	2	1	Fm2
.....cuGggcacugguagaauucacug.....	2	1	Fm2
.....cAuggcacugguagaauucacug.....	4	1	Fm2
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.....cuuggcUcugguagaauucacug.....	1	1	Fm2
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.....cuuggcacugguagaauucacCg.....	1	1	Fm2
.....cuuggcacugguagaauuUacug.....	2	1	Fm2
.....cuuggcacugAuaagaauucacug.....	15	1	Fm2
.....cuuAgcacugguagaauucacug.....	2	1	Fm2

## Mature

## Star

cagagaaccgcuuuuccauucuuggcacugguagaauucacugaugcaauuguuauucaguaauucauuagugccaaaaucggauggcgucugaacgacaagcaauuuuacaa

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.....cuuggAacugguagaauucacug.....	1	1	Fm2
.....cuuggcacugguagaauuGacug.....	1	1	Fm2
.....cuuggcacugguagaauucacAg.....	2	1	Fm2
.....cuuggcacuggCagaauucacug.....	2	1	Fm2
.....Nuuggcacugguagaauucacug.....	5	1	Fm2
.....cuuUgcacugguagaauucacug.....	1	1	Fm2
.....Auuggcacugguagaauucacug.....	1	1	Fm2
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.....cuuggcacuUguagaauucacug.....	3	1	Fm2
.....cuuggcacugguagaaGucacug.....	11	1	Fm2
.....cuuggcacugUuagaauucacug.....	5	1	Fm2
.....cuuggUacugguagaauucacug.....	1	1	Fm2
.....cuuggcacCgguagaauucacug.....	2	1	Fm2
.....cuuggcacugguagaauCcacug.....	34	1	Fm2
.....cCuggcacugguagaauucacug.....	1	1	Fm2
.....cuuggcacuAguagaauucacug.....	1	1	Fm2
.....cuuggcacugguaUaauucacug.....	2	1	Fm2
.....cuuggNacugguagaauucacug.....	2	1	Fm2
.....cuuggcacugguagaauGcacug.....	25	1	Fm2
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.....cuuggcacugguagaauucacuA.....	6	1	Fm2
.....cGuggcacugguagaauucacug.....	1	1	Fm2
.....cuuggcacugguagaaCucacug.....	21	1	Fm2
.....cuuggcacugguagaaAucacug.....	12	1	Fm2
.....cuuggcacugguGgaauucacug.....	1	1	Fm2
.....cuuggcacugguagaauAcacuga.....	7	1	Fm2
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.....cuuggcacugUuagaauucacuga.....	2	1	Fm2
.....cuuggcacugguagaaCucacuga.....	8	1	Fm2
.....cuuggcacugguagaaGucacuga.....	1	1	Fm2
.....cuuggcacugguagaauucacugG.....	155	1	Fm2
.....cuuggcacugguagaauucacuAa.....	7	1	Fm2
.....cuuggcacugguagaaCucacugau.....	1	1	Fm2
.....cuuggcacugguagaauucacugaC.....	7	1	Fm2
.....cuuggcacugguagaauucacugUu.....	17	1	Fm2
.....cuuggcacugguagaauucacugau.....	16	0	Fm2
.....cuuggcacugguagaauucacugaA.....	177	1	Fm2
.....cuuggcacugguagaauucacugUug.....	1	1	Fm2
.....uuggcacugguagaauAcacu.....	1	1	Fm2
.....uuggcacugguagaauuAacu.....	9	1	Fm2
.....uuggcacuggGagaauucacu.....	1	1	Fm2
.....uuggcacugguUgaauucacu.....	1	1	Fm2
.....uuUgcacugguagaauucacu.....	2	1	Fm2
.....uuggcacugguagaauucacu.....	591	0	Fm2
.....uuggcacugguagaauucacG.....	2	1	Fm2
.....uuggcacugguagaauCcacu.....	2	1	Fm2
.....uuggcacuAguagaauucacu.....	1	1	Fm2
.....uuggcacugguagaauuGacu.....	2	1	Fm2
.....uuggcacugguagaauuUacu.....	6	1	Fm2
.....uuggcacugguagaauGacu.....	1	1	Fm2
.....uuggcacuggAagaauucacu.....	1	1	Fm2
.....uuggcacugguagaauuAacug.....	5	1	Fm2
.....uuggcacuggAagaauucacug.....	2	1	Fm2
.....uuggcacugguagaauucacuU.....	1	1	Fm2
.....Auggcacugguagaauucacug.....	4	1	Fm2
.....uuggcacugguagaauuUacug.....	2	1	Fm2
.....uuggcacugguagaauAcacug.....	1	1	Fm2
.....uuggcacuggCagaauucacug.....	1	1	Fm2
.....uuggcacugguagaauucacGg.....	3	1	Fm2
.....uuggcacugguagaauCcacug.....	2	1	Fm2
.....uuggcacugguagaauucacug.....	543	0	Fm2

## Mature

## Star

cagagaaccgcuuuuccauucuuggcacugguagaaauucacugaugcaauuguuuuucaguaauuacauuagugccaaaaaucgauggcgucugaacgacaagcaauuuuacaa

.....uuggcacugguagaauuGacug.....	2	1	Fm2
.....uuggcGcugguagaauucacug.....	1	1	Fm2
.....uuggcacuAguagaauucacuga.....	1	1	Fm2
.....uAggcacugguagaauucacuga.....	2	1	Fm2
.....uuggcacugguagaauGcacuga.....	10	1	Fm2
.....uuggcacugguagaauucacugG.....	54	1	Fm2
.....uuggcacugguagaauAcacuga.....	7	1	Fm2
.....Nuggcacugguagaauucacuga.....	2	1	Fm2
.....uuggcacCgguagaauucacuga.....	1	1	Fm2
.....uuggcacuUguagaauucacuga.....	2	1	Fm2
.....uuggcNcugguagaauucacuga.....	1	1	Fm2
.....uuggcacugguagaauuGacuga.....	11	1	Fm2
.....uuggcacuggAagaauucacuga.....	8	1	Fm2
.....uuggcacugguagaauucacAga.....	1	1	Fm2
.....uuggcacugguagaauAcacuga.....	1	1	Fm2
.....uuggcacugguagaGuucacuga.....	2	1	Fm2
.....uuggcacuggGagaauucacuga.....	4	1	Fm2
.....Auggcacugguagaauucacuga.....	1	1	Fm2
.....uuggcacugguagaauCcacuga.....	12	1	Fm2
.....uuggcacugguagUauucacuga.....	1	1	Fm2
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.....uugCcacugguagaauucacuga.....	1	1	Fm2
.....uuggcacuggCagaauucacuga.....	7	1	Fm2
.....uuggcacugUuagaauucacuga.....	2	1	Fm2
.....uCggcacugguagaauucacuga.....	3	1	Fm2
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.....uuggcacAgguagaauucacuga.....	1	1	Fm2
.....uuAgcacugguagaauucacuga.....	1	1	Fm2
.....uugUcacugguagaauucacuga.....	1	1	Fm2
.....uuggcUcugguagaauucacuga.....	1	1	Fm2
.....uuggcacugguagaauucacuAa.....	8	1	Fm2
.....uuUgcacugguagaauucacuga.....	6	1	Fm2
.....uGggcacugguagaauucacuga.....	1	1	Fm2
.....uuggcacugguagaauucacuga.....	3604	0	Fm2
.....uuggcacugguagaauuUacuga.....	16	1	Fm2
.....uugAcacugguagaauucacuga.....	3	1	Fm2
.....uuggUacugguagaauucacuga.....	2	1	Fm2
.....uuggcacugguagaauucacuUa.....	3	1	Fm2
.....uuUgcacugguagaauucacugau.....	1	1	Fm2
.....uuggcacugguagaauucacugau.....	65	0	Fm2
.....uuggcacugguagaauuAcugau.....	1	1	Fm2
.....uuggcacugguagaauucacugaA.....	3289	1	Fm2
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.....uuggcacugguagaauucacugaugcaU.....	8	1	Fm2
.....uuggcacugguagaauucacugaugcaau.....	21	0	Fm2
.....uuggcacugguagaauuAcugaugcaau.....	1	1	Fm2
.....uuggcacugguagaauuUacugaugcaau.....	1	1	Fm2
.....uuggcacuggCagaauucacugaugcaau.....	1	1	Fm2
.....uuggcacugguagaauucacugaugAaaau.....	3	1	Fm2
.....uuggcacugguagaauGcacugaugcaau.....	1	1	Fm2
.....uuggcacugguagaauucacugaugcaauC.....	2	1	Fm2
.....uuggcacugguagaauucacugaugcaauu.....	23	0	Fm2
.....uuggcacugguagaauCcacugaugcaauu.....	1	1	Fm2
.....uggcacugguagaauucacu.....	2	0	Fm2
.....cacugguagaCuucacug.....	1	1	Fm2
.....cacugguagaauucacug.....	16	0	Fm2
.....Nacugguagaauucacug.....	1	1	Fm2
.....cacugguagaauucacuC.....	1	1	Fm2
.....cacugguagaauucacugU.....	7	1	Fm2
.....cacugguagaauucacGga.....	7	1	Fm2
.....cugguagaauucacugUu.....	3	1	Fm2
.....cugguagaauucacugaA.....	2	1	Fm2
.....guaaaucauuagugccaaaa.....	6	0	Fm2
.....guaaaucauuagugccUaaa.....	1	1	Fm2