

# Standard Primer List



A Eurofins Genomics Company

Name	Sequence	Length	Tm [°C]	GC [%]
1492r	TACGGYTACCTTGTTACGACTT	22	57.5	43.2
16S-1392r	ACGGGCGGTGTGTRC	15	51	70
16S-27f	AGAGTTTGATCMTGGCTCAG	20	56.3	47.5
35S-A	AAGGGTCTTGCGAAGGATAG	20	57.3	50
35S-B	AGTGGAAAAGGAAGGTGGCT	20	57.3	50
3-Gal4	GAAGTTGCGGGGTTTTTC	18	53.7	50
BAC1	GCTCGTATGTTGTGTGGAATTG	22	58.4	45.5
BAC2	CCCAGTCACGACGTTGTA AAC	22	60.3	50
BGH-Reverse	TAGAAGGCACAGTCGAGG	18	56	55.6
CMV-F	CGCAAATGGGCGGTAGGCGTG	21	65.7	66.7
EBV-RP	GTGGTTTGTCCAAACTCATC	20	55.3	45
EGF1	CCAAGCTATTTAGGTGACAC	20	45.3	45
EGF2	GGGGATGTGCTGCAAGG	17	57.6	64.7
GFPN1-5	GAGCTCAAGCTTCGAATTC	19	54.5	47.4
GLprimer1	TGTATCTTATGGTACTGTA ACTG	23	55.3	34.8
KAN2-FP	ACCTACAACAAAGCTCTCATCAACC	25	61.3	44
KAN2-RP	GCAATGTAACATCAGAGATTTTGAG	25	58.1	36
KS	TCGAGGTCGACGGTATC	17	55.2	58.5
LPP1	ATACGACTCACTATAGGGAGAC	22	58.4	45.5
LPP2	ACAAATTGGACTAATCGATGGC	22	56.5	40.9
M13-FP	TGTAAAACGACGGCCAGT	18	53.7	50
M13-RP	CAGGAAACAGCTATGACC	18	53.7	50
pACT2-FP	GATGATGAAGATACCCAC	19	54.5	47.4
pACT2-RP	CAGTTGAAGTGA ACTTGC	18	51.4	44.4
pBacPAC-RP	GTCTGTAAATCAACAACGC	19	52.4	42.1
pBAD-FP	ATGCCATAGCATTTTTATCC	20	51.1	35
pBakPAC-FP	TAAAATGATAACCATCTCGC	20	51.1	35
pBR1	CGAAAAGTGCCACCTGAC	18	56	55.6
pBR2	GGAGCCACTATCGACTAC	18	56	55.6
pBR3	TCCCCATCGGTGATGTC	17	55.2	58.8
PBR4	CTCGGCACCGTCACC	15	52	73.3
pc3.1GFP-Topo-RP	CCCATTAACATCACC	15	44	46.7
pcDNA1.1-RP	CTCTGTAGGTAGTTTGTCC	19	54.5	47.4
pcDNA1.1-RP_1	TAGAATCAGTAGTTTAACAC	20	49.1	30
pcDNA3.1-FP	CTCTGGCTAACTAGAGAAC	19	54.5	47.4
pcDNA3.1-RP_1	CAAACAACAGATGGCTGGC	19	56.7	52.6
PCR1	CGGGCCTCTTCGCTATT	17	55.2	58.8
PCR1minus1	GGGCCTCTTCGCTATT	16	51.7	56.3
PCR2	TTAGCTCACTCATTAGG	17	47.9	41.2
pDONOR-FP	TAACGCTAGCATGGATCTC	19	54.5	47.4
pDONOR-RP	GCAATGTAACATCAGAGAT	19	50.2	36.8

# Standard Primer List



A Eurofins Genomics Company

Name	Sequence	Length	Tm [°C]	GC [%]
pEGFP_C2-FP	GATCACATGGTCCTGCTG	18	56	55.6
pEGFP_C2-RP	TTTAAAGCAAGTAAAACCTC	20	49.1	30
pEGFP_N	CCGTCCAGCTCGACCAG	17	60	70.6
pEGFP-FP	TTTAGTGAACCGTCAGATC	19	52.4	42.1
pEGFP-RP	AACAGCTCCTCGCCCTTG	18	58.2	61.1
pESP-RP	TCCAAAAGAAGTCGAGTGG	19	54.5	47.4
pET-24a	GGGTTATGCTAGTTATTGCTCAG	23	58.9	43.5
pET30er-FP	TCATCATTCTTCTGGTCTG	19	52.4	42.1
pET36b-FP	GCTAAATTCGAACGCCAG	18	53.7	50
pETBlue-RP	AATAGCTTTAATGCGGTAG	19	50.2	36.8
pET-RP*	CTAGTTATTGCTCAGCGG	18	53.7	50
pGBT9-FP	AGTGCGACATCATCATCG	18	53.7	50
pGBT9-RP	CGTTTTAAAACCTAAGAGTCAC	22	54.7	36.4
pGEX-3	GGAGCTGCATGTGTCAGAG	19	58.8	57.9
pGEX3-RP	TCAAGAATTATACACTCCG	19	50.2	36.8
pGEX-5	CTGGCAAGCCACGTTTGG	18	58.2	61.1
pGEX5-FP	AACGTATTGAAGCTATCCC	19	52.4	42.1
pGFP-FP	GAGTTTGTAACAGCTGCTG	19	54.5	47.4
pGL2	TCTTTATGTTTTTGGCGTC	19	50.2	36.8
pGL3-1	GAGCTGACTGGGTTGAAG	18	56	55.6
pGL3-RV3	CTAGCAAATAGGCTGTCC	19	54.5	47.4
pIRES-RP	TATAGACAAACGCACACCG	19	54.5	47.4
pJet1-FP	ACTACTCGATGAGTTTTTCGG	20	55.3	45
pJet1-RP	TGAGGTGGTTAGCATAGTTC	20	55.3	45
pMalE	TCAGACTGTGATGAAGC	18	53.7	50
pMT-FP	CATCTCAGTGCAACTAAAG	19	52.4	42.1
PolyA-B	AAAAAAAAAAAAAAAAAAAAAAB	24	43.4	2.8
PolyC-D	CCCCCCCCCCCCD	13	50.7	94.9
PolyT-V	TTTTTTTTTTTTTTTTTTTTTV	22	41	3
pQE-FP	CGGATAACAATTTACACAG	20	53.2	40
pQE-RP	GTTCTGAGGTCATTAAGTGG	19	54.5	47.4
pQE-RP-50	CTAGCTTGATTCTCACC	18	53.7	50
pREP-FP	GCTCGATACAATAAACGCC	19	54.5	47.4
pRH-FP	CTGTCTCTATACTCCCCTATAG	22	58.4	45.5
pRH-RP	CAAATTCATAGTTACTATCGC	23	53.5	30.4
pRSET-RP	ATGCTAGTTATTGCTCAGC	19	52.4	42.1
pRSET-RPnew	GGGTTATGCTAGTTATTGC	19	52.4	42.1
pTal-FP	CGGGAGGTACTTGGAGCG	18	60.5	66.7
pTeSp-1	CCTCCATAGAAGACACC	17	52.8	52.9
pTeSp-2	GCCCTGCCACTCATCG	16	56.9	68.8

# Standard Primer List



A Eurofins Genomics Company

Name	Sequence	Length	Tm [°C]	GC [%]
pTI2-1-1	GGCAAATATTCTGAAATGAGC	21	54	38.1
pTI2-1-2	GCGTTTCACTTCTGAGTTCG	20	57.3	50
pTrcHis-FP	GACCGGAATTATCGATTAAC	20	53.2	40
pTrcHis-RP	CTGATTTAATCTGTATCAGG	20	51.1	35
pTYB-FP	GGAAGACGATTATTATGGG	19	52.4	42.1
pUC-F	GCCAGTGAATTTCGAGCTCGG	20	61.4	60
pUC-R	TGCCTGCAGGTCGACTCTAG	20	61.4	60
pVL1	GGGTTTAAACATTACGGATTTTC	21	54	38.1
pVL2	GACGCACAAACTAATATCAC	20	53.2	40
pVP22-FP	CGCTTCTCGCCCCAGAC	17	60	70.6
RPC	ACAGCTATGACCATGATTACG	21	55.9	42.9
SK	CGCTCTAGAACTAGTGGATC	20	57.3	50
SP6	ATTTAGGTGACACTATAGAA	20	49.1	30
T3	ATTAACCCTCACTAAAGGGA	20	53.2	40
T7	TAATACGACTCACTATAGGG	20	53.2	40
T7-981079	TAATACGACTCACTATAG	18	46.9	33.3
T7minus1	AATACGACTCACTATAGGG	19	52.4	42.1
TET-1 FP-1	GGGTGCGCATGATCCTCTAGAGT	23	64.2	56.5
TET-1 RP-1	TAAATTGCACTGAAATCTAGAAATA	25	53.1	24
Topo-1	TCGGATCCACTAGTAACG	18	53.7	50
Topo-2	GTGTGATGGATATCTGC	17	50.4	47.1
Topo-2N	AGATGCATGCTCGAGCGG	18	58.2	61.1
TriplEx5LD	GAAGCGCGCCATTGTGTTGG	20	61.4	60
UP-2	CGTTGTAAAACGACGGCC	18	56	55.6
UP-40	GTTTTCCCAGTCACGAC	17	52.8	52.9

\* pET-RP is equivalent to T7 Terminator (slightly shortened)