

Real-time PCR Primers

-20°C

Primer description:

NanoCinna primers are suitable for Real-time PCR relative quantification. While these primers can be used as independent, these are adopted for array form use. Each catalog number including 2 specific primers for one gene. The following protocol is recommended for all primers.

Protocol for all primers

Prepare Mix on ice:

Real-time PCR Mix x

Primer Mix 1/10 of volume

cDNA 100-500ng

dH₂O to desired total

Program 2 steps

1 cycle

95°C 15min

40- 50 cycles

95°C 20-25 sec

60°C 30-35 sec

Program 3steps

1 cycle

95°C 15min

40- 50 cycles

95°C 20-25 sec

60°C 20-25 sec

Gene name	Cat. #	CONC	μl	Ta (°C)	Product Size
ABCA2	#PR1401	10X	200	60	
ABCB1	#PR1402	10X	200	60	
ABCC1	#PR1403	10X	200	60	
ABCG1	#PR1404	10X	200	60	
ACTB	#PR1405	10X	200	60	
AIF	#PR1406	10X	200	60	
AKT1	#PR1407	10X	200	60	
AKT2	#PR1408	10X	200	60	
ALDH1	#PR1409	10X	200	60	
ANG2	#PR1410	10X	200	60	
AP1	#PR1411	10X	200	60	
Apaf1	#PR1412	10X	200	60	
ATM	#PR1413	10X	200	60	
ATR	#PR1414	10X	200	60	
AURKB	#PR1415	10X	200	60	
B2M	#PR1416	10X	200	60	
BAD	#PR1417	10X	200	60	
BAG1	#PR1418	10X	200	60	
BAI1	#PR1419	10X	200	60	
BAK1	#PR1420	10X	200	60	
BAX	#PR1421	10X	200	60	
BCL2	#PR1422	10X	200	60	
BclXL	#PR1423	10X	200	60	
Bim	#PR1424	10X	200	60	

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BIRC2	#PR1425	10X	200	60	
BIRC5	#PR1426	10X	200	60	
BNIP3L	#PR1427	10X	200	60	
BRAF	#PR1428	10X	200	60	
BRCA1	#PR1429	10X	200	60	
BRCA2	#PR1430	10X	200	60	
BRMS1	#PR1431	10X	200	60	
BRMS1L	#PR1432	10X	200	60	
BUB1B	#PR1433	10X	200	60	
CASP10	#PR1434	10X	200	60	
CASP3	#PR1435	10X	200	60	
CASP7	#PR1436	10X	200	60	
CASP8	#PR1437	10X	200	60	
CASP9	#PR1438	10X	200	60	
CAV1	#PR1439	10X	200	60	
CAV2	#PR1440	10X	200	60	
CCNB1	#PR1441	10X	200	60	
CCND1	#PR1442	10X	200	60	
CD133	#PR1443	10X	200	60	
CD24	#PR1444	10X	200	60	
CD44	#PR1445	10X	200	60	
CD68	#PR1446	10X	200	60	
CDC2	#PR1447	10X	200	60	
CDH1	#PR1448	10X	200	60	
CDK4	#PR1449	10X	200	60	
CHK1	#PR1450	10X	200	60	
CHK2	#PR1451	10X	200	60	
CK17	#PR1452	10X	200	60	
CK5	#PR1453	10X	200	60	
c-KIT	#PR1454	10X	200	60	
c-MYC	#PR1455	10X	200	60	
COL4A1	#PR1456	10X	200	60	
COL4A3	#PR1457	10X	200	60	
COL4A3BP	#PR1458	10X	200	60	
COX2	#PR1459	10X	200	60	

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CTSL2	#PR1460	10X	200	60	
CXCL10	#PR1461	10X	200	60	
CXCR4	#PR1462	10X	200	60	
CYC-s	#PR1463	10X	200	60	
DR4	#PR1464	10X	200	60	
E2F1	#PR1465	10X	200	60	
EGF	#PR1466	10X	200	60	
EGFR	#PR1467	10X	200	60	
EGR1	#PR1468	10X	200	60	
ENDOG	#PR1469	10X	200	60	
Endostatin	#PR1470	10X	200	60	
EpCAM	#PR1471	10X	200	60	
ERBB2	#PR1472	10X	200	60	
ERCC1	#PR1473	10X	200	60	
ERCC2	#PR1474	10X	200	60	
ERK1	#PR1475	10X	200	60	
ERK2	#PR1476	10X	200	60	
ESR1	#PR1477	10X	200	60	
ESR2	#PR1478	10X	200	60	
FADD	#PR1479	10X	200	60	
FANCC	#PR1480	10X	200	60	
FAS	#PR1481	10X	200	60	
FASL	#PR1482	10X	200	60	
FASLG	#PR1483	10X	200	60	
FGF1	#PR1484	10X	200	60	
FLIP	#PR1485	10X	200	60	
FOXO1	#PR1486	10X	200	60	
GADD45	#PR1487	10X	200	60	
GAPDH	#PR1488	10X	200	60	
GPX1	#PR1489	10X	200	60	
GRB7	#PR1490	10X	200	60	
GSTM1	#PR1491	10X	200	60	
GSTP1	#PR1492	10X	200	60	
GUSB	#PR1493	10X	200	60	
GZMA	#PR1494	10X	200	60	

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Gene name	Cat. #	CONC	μl	Ta (°C)	Product Size
GZMB	#PR1495	10X	200	60	
H2AFX	#PR1496	10X	200	60	
HER3	#PR1497	10X	200	60	
HER4	#PR1498	10X	200	60	
HIF1A	#PR1499	10X	200	60	
HSP27	#PR1500	10X	200	60	
HSP70	#PR1501	10X	200	60	
HTRA2	#PR1502	10X	200	60	
IFNa	#PR1503	10X	200	60	
IFNb	#PR1504	10X	200	60	
IGFR	#PR1505	10X	200	60	
IL18	#PR1506	10X	200	60	
IL6	#PR1507	10X	200	60	
IL8	#PR1508	10X	200	60	
ITGA6	#PR1509	10X	200	60	
ITGB2	#PR1510	10X	200	60	
JAK1	#PR1511	10X	200	60	
KAI1	#PR1512	10X	200	60	
KI67	#PR1513	10X	200	60	
KISS1	#PR1514	10X	200	60	
KRAS	#PR1515	10X	200	60	
KRAS	#PR1516	10X	200	60	
MAP2K4	#PR1517	10X	200	60	
MCL1	#PR1518	10X	200	60	
MDM2	#PR1519	10X	200	60	
MMP11	#PR1520	10X	200	60	
MMP2	#PR1521	10X	200	60	
MMP9	#PR1522	10X	200	60	
MSH2	#PR1523	10X	200	60	
MSH3	#PR1524	10X	200	60	
MSH6	#PR1525	10X	200	60	
MTA1	#PR1526	10X	200	60	
MTA2	#PR1527	10X	200	60	
mTOR	#PR1528	10X	200	60	
Muc4	#PR1529	10X	200	60	

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Gene name	Cat. #	CONC	μl	Ta (°C)	Product Size
MxA	#PR1530	10X	200	60	
MYBL2	#PR1531	10X	200	60	
NFkB	#PR1532	10X	200	60	
NOTCH1	#PR1533	10X	200	60	
NoxA	#PR1534	10X	200	60	
P21	#PR1535	10X	200	60	
P27	#PR1536	10X	200	60	
PAI1	#PR1537	10X	200	60	
PARP1	#PR1538	10X	200	60	
PCNA	#PR1539	10X	200	60	
PDGFA	#PR1540	10X	200	60	
PDGFR	#PR1541	10X	200	60	
PGR	#PR1542	10X	200	60	
PI3k	#PR1543	10X	200	60	
PIN1	#PR1544	10X	200	60	
PLAU	#PR1545	10X	200	60	
PLAUR	#PR1546	10X	200	60	
PTEN	#PR1547	10X	200	60	
RAD1	#PR1548	10X	200	60	
RAD17	#PR1549	10X	200	60	
RAD21	#PR1550	10X	200	60	
RAD50	#PR1551	10X	200	60	
RAD51	#PR1552	10X	200	60	
RAD52	#PR1553	10X	200	60	
RPLPO	#PR1554	10X	200	60	
S100A1	#PR1555	10X	200	60	
SATB1	#PR1556	10X	200	60	
SCUBE2	#PR1557	10X	200	60	
SERPIN5	#PR1558	10X	200	60	
Smac	#PR1559	10X	200	60	
SOD1	#PR1560	10X	200	60	
SRC	#PR1561	10X	200	60	
STAT1	#PR1562	10X	200	60	
STK15	#PR1563	10X	200	60	
TFF3	#PR1564	10X	200	60	

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Gene name	Cat. #	CONC	μl	Ta (°C)	Product Size
TFRC	#PR1565	10X	200	60	
TGFA	#PR1566	10X	200	60	
TGFB	#PR1567	10X	200	60	
TGFB1	#PR1568	10X	200	60	
TIAM1	#PR1569	10X	200	60	
TIAM2	#PR1570	10X	200	60	
TIMP1	#PR1571	10X	200	60	
TIMP2	#PR1572	10X	200	60	
TNF	#PR1573	10X	200	60	
TNFR1	#PR1574	10X	200	60	
TOP1	#PR1575	10X	200	60	
TOP2A	#PR1576	10X	200	60	
TP53	#PR1577	10X	200	60	
TP73	#PR1578	10X	200	60	
TRADD	#PR1579	10X	200	60	
TRAF1	#PR1580	10X	200	60	
TRAF2	#PR1581	10X	200	60	
TRAIL	#PR1582	10X	200	60	
TSC1	#PR1583	10X	200	60	
TTK	#PR1584	10X	200	60	
TUBB3	#PR1585	10X	200	60	
Tumstatin	#PR1586	10X	200	60	
TWIST	#PR1587	10X	200	60	
TXNIP	#PR1588	10X	200	60	
UGCG	#PR1589	10X	200	60	
VEGF	#PR1590	10X	200	60	
VEGFD	#PR1591	10X	200	60	
VEGFR2	#PR1592	10X	200	60	
Wee1	#PR1593	10X	200	60	
Wnt1	#PR1594	10X	200	60	
XAF1	#PR1595	10X	200	60	
XIAP	#PR1596	10XX	200	60	
XPA	#PR1597	10X	200	60	
XPC	#PR1598	10X	200	60	
XRCC1	#PR1599	10X	200	60	
XRCC5	#PR1600	10X	200	60	