

Plasmid #	Plasmid Name	Vector	Insert size	Cloning site	Host Strain	Resistance	Description
762	LmHoxA1	pBACe3.6	70Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> HoxA11 BAC clone (also containing other HoxA genes). Isolated from mixed clone pool 28 using HoxA11 exon 1 primers and probe. (notebook name 28D-9H1). Isolated with Hoxa11 PCR product.
763	LmHoxA2	pBACe3.6	75Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> HoxA11 BAC clone (also containing HoxA10, HoxA13). Isolated from mixed clone pool 39 using HoxA11 exon 1 primers and probe. (notebook name 39B-392). Isolated with Hoxa11 PCR product
764	LmHoxA3	pBACe3.6	48Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> HoxA11 BAC clone (also containing HoxA10). Isolated from mixed clone pool 73 using HoxA11 exon 1 primers and probe. (notebook name 73B-10J2). Isolated with Hoxa11 PCR product
765	LmHoxA4	pBACe3.6	90Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> HoxA11 BAC clone (also containing HoxA13). Isolated from mixed clone pool 108 using HoxA11 exon 1 primers and probe. (notebook name 108E-17E2). Isolated with Hoxa11 PCR product
766	LmHoxA5	pBACe3.6	23Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> HoxA11 BAC clone (also containing HoxA10). Isolated from mixed clone pool 115 using HoxA11 exon 1 primers and probe. (notebook name 115F-13K2). Isolated with Hoxa11 PCR product
767	LmHoxA6	pBACe3.6	80Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> HoxA11 BAC clone (also containing HoxA13, HoxA10, HoxA7). Isolated from mixed clone pool 118 using HoxA11 exon 1 primers and probe. (notebook name 118C-1182). Isolated with Hoxa11 PCR product
802	LmHoxB1	pBACe3.6	75kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxB2, 4, 7, 8. Isolated with degenerate homeobox PCR product
803	LmHoxC1	pBACe3.6	65kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxC3, 4, 5, 6. . Isolated with degenerate homeobox PCR product
804	LmHoxD1	pBACe3.6	75kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxD1, 4. . Isolated with degenerate homeobox PCR product
871	Lm7B-4K	pBACe3.6	50Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxB 1, 2, 4. . Isolated with degenerate homeobox PCR product
872	Lm8E-9F	pBACe3.6	70Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing. . Isolated with degenerate homeobox PCR product
873	Lm20C-5M	pBACe3.6	40Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing Hox B cluster. Isolated with degenerate homeobox PCR product
874	Lm185	pBACe3.6	48Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA4, 5. Isolated with Hoxa5 PCR product
875	Lm18H-14C	pBACe3.6	90Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA3. Isolated with degenerate homeobox PCR product
1030	Lm8C-8D	pBACe3.6	50kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxC4. Isolated with degenerate homeobox PCR product
1031	Lm10D-20H	pBACe3.6	60kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing. Isolated with degenerate homeobox PCR product

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1032	Lm29B-16E	pBACe3.6	60kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxB1. Isolated with degenerate homeobox PCR product
1033	Lm36A-7B	pBACe3.6	90kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxB cluster. Isolated with degenerate homeobox PCR product
1034	Lm54D-4J	pBACe3.6	50kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxB6, B7. Isolated with degenerate homeobox PCR product
1035	Lm56G-8L	pBACe3.6	55kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing Hox B4. Isolated with degenerate homeobox PCR product
1036	LmEVX-3	pBACe3.6	30kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Evx BAC clone-containing. Isolated with degenerate EVX PCR product
1037	Lm81G-8G	pBACe3.6	40kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing. Isolated with degenerate homeobox PCR product
1038	LmA14-2	pBACe3.6	30kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA14. Isolated with degenerate EVX PCR product
1039	Lm122	pBACe3.6		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA3. Isolated with degenerate EVX PCR product
1040	LmA14-1	pBACe3.6	60kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA13, A14. Isolated with degenerate EVX PCR product
1041	LmEVX-2	pBACe3.6	80kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Evx BAC clone-containing. Isolated with degenerate EVX PCR product
1042	LmEVX-1	pBACe3.6	40kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Evx BAC clone-containing. Isolated with degenerate EVX PCR product
1043	Lm22-3C	pBACe3.6		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing. Isolated with degenerate EVX PCR product
1054	Lm19C10	pCCBAC1E	165Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing Hox A14, EVX-A. Isolated with degenerate Hox4 PCR product
1055	Lm35N8	pCCBAC1E	175Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA3, A4, A14. Isolated with degenerate Hox4 PCR product
1056	Lm53C18	pCCBAC1E	160Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxC4. Isolated with degenerate Hox4 PCR product
1057	Lm59L17	pCCBAC1E	185Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxB2, B4, B8. Isolated with degenerate Hox4 PCR product
1058	Lm59J7	pCCBAC1E	150Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxD4. Isolated with degenerate Hox4 PCR product
1059	Lm73C11	pCCBAC1E	180Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing. Isolated with degenerate Hox4 PCR product
1060	Lm76I9	pCCBAC1E	155Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA3, A4. Isolated with degenerate

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							Hox4 PCR product
1061	Lm91J1	pCCBAC1E	160Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxC4. Isolated with degenerate Hox4 PCR product
1062	Lm103K24	pCCBAC1E	155Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxC4. Isolated with degenerate Hox4 PCR product
1063	Lm108M3	pCCBAC1E	190Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxB2, B4. Isolated with degenerate Hox4 PCR product
1064	Lm111H8	pCCBAC1E	185Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxB2, B4, B8. Isolated with degenerate Hox4 PCR product
1065	Lm115O4	pCCBAC1E	160Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxC4. Isolated with degenerate Hox4 PCR product
1066	Lm122G1	pCCBAC1E	175Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxB4, B8. Isolated with degenerate Hox4 PCR product
1067	Lm122G2	pCCBAC1E	175Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxB4, B8. Isolated with degenerate Hox4 PCR product
1068	Lm123G15	pCCBAC1E	160Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing. Isolated with degenerate Hox4 PCR product
1069	Lm125A18	pCCBAC1E	155Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA4, A14. Isolated with degenerate Hox4 PCR product
1070	Lm127O1	pCCBAC1E	170Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing Hox B4, B8. Isolated with degenerate Hox4 PCR product
1071	Lm140H19	pCCBAC1E	180Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxC4. Isolated with degenerate Hox4 PCR product
1072	Lm150J13	pCCBAC1E	180Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA3, A4, A14. Isolated with degenerate Hox4 PCR product
1073	Lm154A23	pCCBAC1E	170Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing. Isolated with degenerate Hox4 PCR product
1074	Lm161O23	pCCBAC1E	155Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA3, A4, A14. Isolated with degenerate Hox4 PCR product
1075	Lm170P2	pCCBAC1E	190Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing. Isolated with degenerate Hox4 PCR product
1076	Lm182M4	pCCBAC1E	180Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA4, A14. Isolated with degenerate Hox4 PCR product
1077	Lm199E16	pCCBAC1E	175Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxB2, B4, B8. Isolated with degenerate Hox4 PCR product
1078	Lm206D10	pCCBAC1E	155Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA3, A4, A14. Isolated with degenerate Hox4 PCR product

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1079	Lm216O2	pCCBAC1E	170Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA3. Isolated with degenerate Hox4 PCR product
1080	Lm218P9	pCCBAC1E	180Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA4, A14. Isolated with degenerate Hox4 PCR product
1081	Lm222P20	pCCBAC1E	170Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxC4. Isolated with degenerate Hox4 PCR product
1082	Lm225B11	pCCBAC1E	190Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA3, A4, A14. Isolated with degenerate Hox4 PCR product
1083	Lm238P11	pCCBAC1E	175Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxB2, B4, B8. Isolated with degenerate Hox4 PCR product
1084	Lm240E5	pCCBAC1E	180Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxA4, A14. Isolated with degenerate Hox4 PCR product
1085	Lm240M4	pCCBAC1E	175Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> Hox BAC clone-containing HoxC4. Isolated with degenerate Hox4 PCR product
1086	Lm1H15	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A, B regul.elem. Isolated with HoxD regulatory element PCR product
1087	Lm6B14	pCCBAC1E	185Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A regul. elem. Isolated with HoxD regulatory element PCR product
1088	Lm18P11	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A, B regul. elem. Isolated with HoxD regulatory element PCR product
1089	Lm44A6	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub. A, B regul. elem. Isolated with HoxD regulatory element PCR product
1090	Lm44I10	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. . Isolated with HoxD regulatory element PCR product
1091	Lm45P6	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. . Isolated with HoxD regulatory element PCR product
1092	Lm47K18	pCCBAC1E	155Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A regul. elem. Isolated with HoxD regulatory element PCR product
1093	Lm50O14	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A, B regul. elem. Isolated with HoxD regulatory element PCR product
1094	Lm52G12	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A, B regul. elem. Isolated with HoxD regulatory element PCR product
1095	Lm64D15	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. Isolated with HoxD regulatory element PCR product
1096	Lm70I23	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A, B regul. elem. Isolated with HoxD regulatory element PCR product
1097	Lm89J14	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A, B regul. elem. Isolated with HoxD

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							regulatory element PCR product
1098	Lm97N18	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A, B regul. elem. Isolated with HoxD regulatory element PCR product
1099	Lm100N23	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. Isolated with HoxD regulatory element PCR product
1100	Lm105N12	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. Isolated with HoxD regulatory element PCR product
1101	Lm106G10	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. Isolated with HoxD regulatory element PCR product
1102	Lm116J14	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. Isolated with HoxD regulatory element PCR product
1103	Lm117C17	pCCBAC1E	170Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A regul. elem . Isolated with HoxD regulatory element PCR product
1104	Lm122F21	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. . Isolated with HoxD regulatory element PCR product
1105	Lm133B22	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. Isolated with HoxD regulatory element PCR product
1106	Lm138A4	pCCBAC1E	155Kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A regul. elem . Isolated with HoxD regulatory element PCR product
1107	Lm157D3	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. Isolated with HoxD regulatory element PCR product
1108	Lm158D6	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. Isolated with HoxD regulatory element PCR product
1109	Lm165I4	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. Isolated with HoxD regulatory element PCR product
1110	Lm173F21	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A, B regul. elem. . . Isolated with HoxD regulatory element PCR product
1111	Lm177G24	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A, B regul. elem. Isolated with HoxD regulatory element PCR product
1112	Lm182B8	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. . Isolated with HoxD regulatory element PCR product
1113	Lm182C9	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. . Isolated with HoxD regulatory element PCR product
1114	Lm185I10	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. . Isolated with HoxD regulatory element PCR product
1115	Lm189F5	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A, B regul. elem. Isolated with HoxD regulatory element PCR product

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1116	Lm196G14	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. . Isolated with HoxD regulatory element PCR product
1117	Lm198O2	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. . Isolated with HoxD regulatory element PCR product
1118	Lm199G23	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A, B regul. elem. Isolated with HoxD regulatory element PCR product
1119	Lm224C20	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> EVX BAC clone-containing. . Isolated with HoxD regulatory element PCR product
1120	Lm238M20	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing Dub A, B regul. elem. Isolated with HoxD regulatory element PCR product
1125	Lm118D21	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing HoxD4, D13. Isolated with degenerate Hox4 PCR product
1126	Lm130B1	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing HoxD1, D4, D13. Isolated with degenerate Hox4 PCR product
1127	Lm203C5	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing HoxD1, D4. Isolated with degenerate Hox4 PCR product
1128	Lm212C16	pCCBAC1E		EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone-containing HoxD4-D13. Isolated with degenerate Hox4 PCR product
1222	Lm36M24	pCCBAC1E	178 kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone containing HoxC10-C13. Isolated with Hox13 PCR product
1416	pEGFP-LeHoxD14 (Clone Beta 22)	pEGFP-C3	700 bp	PstI&XbaI	DH10B	KAN	Intact <i>Latimeria menadoensis Hoxa14</i> gene containing an in-frame fusion of eGFP 5' to the <i>Hoxa14</i> gene. This construct was used for assessing the nuclear localization functionality of <i>Hoxa14</i> in mammalian tissue culture cells.
1630	Lm9A12	pCCBAC1E	164 kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone containing HoxB9-B13. Isolated with Hox13 PCR product.
1631	Lm181G6	pCCBAC1E	156 kb	EcoRI	DH10B	CAM	<i>Latimeria menadoensis</i> BAC clone containing HoxC13 and upstream region. Isolated with HoxC13 PCR product.